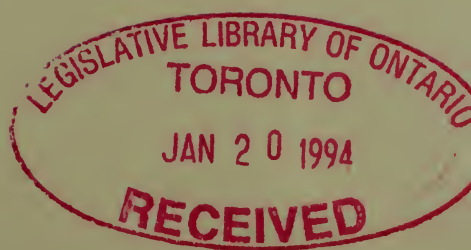# REPORT

OF THE

REGISTRAR-GENERAL

OF THE

PROVINCE OF ONTARIO,

FOR THE YEAR ENDING 31st DECEMBER,

1877.

Printed by Order of the Legislative Assembly.

CONTENTS.

APPENDIX.

REPORT

OF THE

REGISTRAR - GENERAL

OF THE

PROVINCE OF ONTARIO

FOR THE YEAR ENDING 31st DECEMBER, 1877.

REGISTRAR-GENERAL'S OFFICE,

TORONTO, November 25th, 1878.

To His Honour the Honourable D. A. Macdonald, Lieutenant-Governor of the Province of Ontario :—

SIR,—I have the honour to present the Annual Report on the Registration of Births, Marriages and Deaths for the year ending 31st December, 1877.

The results of this year's work shew an increase in the number of registrations over those for 1876 of 2,935, and an increase over those for 1875 of 26,987.

TABLE A.—The following statement presents a complete summary of all the tables interspersed throughout the Report. It compares the births, marriages and deaths registered during 1877, with those of 1876, giving the increase in numbers and per centage in each class, and also the totals of each county.

COUNTIES.	Births 1876.	Births 1877.	B. Increase.	B. Decrease.	B. Increase per Cent.	Marriages 1876.	Marriages 1877.	M. Increase.	M. Decrease.	M. Increase per Cent.	Deaths 1876.	Deaths 1877.	D. Increase.	D. Decrease.	D. Increase per Cent.	Total No. 1876.	Total No. 1877.	Total Increase.	Total Decrease.	Total Increase per Cent.
Algoma	109	132	23		21	28	50	22		78	55	133	78		141	192	315	123		64
Brant	700	794	94		13	243	221		22		372	397	25		6	1315	1412	97		7·3
Bruce	1205	1289	84		7	375	390	15		4	436	419		17		2016	2098	82		4·6
Carleton	1053	1076	23		2	382	411	29		7·5	469	505	36		7	1904	1992	88		4·5
Elgin	513	577	64		12	295	277		18		304	353	49		16	1112	1207	95		8·5
Essex	956	1056	100		10	285	297	12		4	421	478	57		13	1662	1831	169		10·1
Frontenac	784	808	24		3	270	282	12		4	549	449		100		1603	1539		64	
Grey	1307	1361	54		4	395	357		38		454	466	12		2	2156	2184	28		1·3
Haldimand	661	659		2		209	183		26		226	203		23		1096	1045		51	
Halton	562	587	25		4	138	141	3		2	247	297	50		20	947	1025	78		8·2
Hastings	993	1069	76		7	450	388		62		615	621	6		1	2058	2078	20		1·0
Huron	1649	1696	47		3	477	536	59		12	665	626		39		2791	2858	67		2·4
Kent	978	924		54		341	375	34		10	425	460	35		8	1744	1759	15		·8
Lambton	836	907	71		8	217	259	42		19	296	427	131		44	1349	1593	244		18·
Lanark	715	776	61		8	225	236	11		5	271	315	44		16	1211	1327	116		9·5
Leeds and Grenville	1044	1032		12		351	376	25		7	555	576	21		4	1950	1984	34		1·7
Lennox and Addington	465	492	27		6	211	189		22		264	298	34		13	940	979	39		4·1
Lincoln	648	642		6		219	242	23		10	480	467		13		1347	1351	4		·3
Middlesex	1874	1968	94		5	678	661		17		1010	1044	34		3	3562	3673	111		3·1
Muskoka	348	362	14		4	59	94	35		59	113	213	100		88	520	669	149		28·6
Norfolk	781	793	12		1	265	218		47		341	380	39		11	1387	1391	4		·3
Northumberland and Durham	1150	1163	13		1	569	585	16		2	687	693	6		1	2406	2441	35		1·4
Ontario	1215	1126		89		398	378		20		556	561	5		1	2169	2065		104	
Oxford	1093	1106	13		1	387	369		18		540	544	4		1	2020	2019		1	
Parry Sound	77	104	27		35	12	12				31	148	117		377	120	264	144		120·

County	Births (prev.)	Births (cur.)	Inc.	Dec.	Marriages (prev.)	Marriages (cur.)	Inc.	Dec.	Deaths (prev.)	Deaths (cur.)	Inc.	Dec.	Total B.M.&D. (prev.)	Total B.M.&D. (cur.)	Inc.	Dec.	Per cent
Peel	680	643		37	216	167		49	315	324	9		1211	1134		77	
Perth	1313	1322	9		373	348		25	406	477	71		2092	2147	55		2·6
Peterborough	577	721	144		178	154		24	240	351	111		995	1226	231		23·2
Prescott and Russell	1045	933		112	224	168		56	269	372	103		1538	1473		65	
Prince Edward	483	391		92	145	150	5		233	187		46	861	728		133	
Renfrew	843	839		4	185	154		31	310	409	99		1338	1402	64		4·7
Simcoe	1459	1536	77		460	483	23		653	742	89		2572	2761	189		7·3
Stormont, Dundas and Glengarry	1109	1085		24	423	356		67	632	693	61		2164	2134		30	
Thunder Bay	74	77	3		41	15		26	30	154	124		145	246	101		70·
Victoria	759	952	193		212	267	55		269	358	89		1240	1577	337		27·
Waterloo	1171	1234	63		354	362	8		500	524	24		2025	2120	95		4·6
Welland	710	673		37	191	232	41		377	322		55	1278	1227		51	
Wellington	1693	1765	72		530	542	12		680	680			2903	2987	84		2·8
Wentworth	1362	1693	331		420	470	50		1001	1038	37		2783	3201	418		15·
York	3485	3594	109		1119	1182	63		2326	2349	23		6930	7125	195		2·8
Totals	38479	39957	1947	469	12550	12577	595	568	18623	20053	1723	293	69652	72587	3511	576	

Total Increase...... 1478

Total Increase...... 27

Total Increase...... 1430

Total Increase of B. M. & D. ...... 2935 or 4·2 per cent.

Though the increase in the number of Registrations is not so large as it was in 1876, it is satisfactory to find that there is still an improvement. The returns of births are yet incomplete. This is, however, scarcely to be wondered at in a comparatively newly settled country like Ontario, when older countries, far more favourably circumstanced, are unable to present complete returns. Division Registrars have great difficulties to contend with in obtaining these registrations. They have been directed by circular to notify the public that this information can be sent free through the Post office ; still this fact does not appear to be as widely known as could be desired, and so it happens that many living at a distance, do not report by letter to the Division Registrars, being under the impression that it is necessary for them to do so in person. Another, and perhaps the principal cause of this inattention to the requirements of the Act, is that a large portion of the population of the rural districts, and in some of the small towns, do not appreciate the benefits to be derived from complete registrations.

The following is a comparative Statement of Births for eight years :—

YEAR.	No. of Births Registered in Ontario.		Males to each 100 Females.	Males in each 100 Births.	Females in each 100 Births.	Ratio per 1,000 of the Population.
	Males.	Females.				
1870	10,326	9,172	112.5	52.9	47.1	12.0
1871	12,871	11,912	108.0	51.9	48.1	15.3
1872	12,186	11,159	109.2	52.2	47.8	14.4
1873	14,285	13,248	107.7	51.8	48.2	17.0
1874	14,673	13,600	107.8	51.8	48.2	17.4
1875	13,468	12,516	107.6	51.7	48.3	16.0
1876	19,733	18,746	105.2	51.2	48.8	23.7
1877	20,659	19,298	107.0	51.7	48.3	24.6

By this Table it will be seen that there was an increase in the number of births registered in every year, excepting 1872 and 1875, notably in the year 1876, when the present Registration Act came into force. Statistics shew that the birth rate registered is correspondingly higher in countries having large and densely populated cities ; so that while the registrations in Ontario bear a very favourable comparison with those of many of the States of the American Union, they necessarily fall below the English average and that of European countries.

The following statement gives the ratio of births in Ontario, and in some of the United States and European countries.

Ontario .... 24.6 per 1,000 of the population.
Rhode Island .... 24.5 " " "
Michigan .... 22.6 " " "
Massachusetts .... 24.8 " " "
Ohio .... 23.1 " " "
Nova Scotia .... 26.5 " " "
England .... 35.5 " " "
Scotland .... 35.4 " " "
Ireland ... . 26.1 " " "
France .... 26.– " " "

The County of Wentworth shews an increase of 331 in births, that being the greatest increase in any county. The United Counties of Prescott and Russell, on the other hand,

shew the greatest decrease, the number returned for 1877 being 112 less than that in 1876 ; 29 counties return an increase, and 11 a decrease.

In reference to the marriages, the increase in the number registered, is only 27. The ratio still remains the same, viz.: 16 in every 1,000. The greatest increase was in the County of York—the least, in the County of Halton.

The death-rate of any country is a sure index of its health. If all the deaths that occurred in each county, city, or town, were registered every year, we would necessarily find a variation in the numbers yearly, as many causes arise, from time to time, tending to increase the rate of mortality, such as epidemics, wet seasons, &c. On the other hand, improvement in the sanitary conditions of any town or city may, and do often, lessen the death-rate. Whenever, therefore, the mortality of a locality is found to exceed the normal rate of a healthy community, it becomes the duty of those entrusted with the adminis- tration of the sanitary laws to investigate the cause of this excess, and to supply the means for its remedy.

The Registrar-General of England, in his report for 1875, instances several towns where the death-rate was considerably decreased by the introduction of pure water and improved sewerage.

TABLE B.—Shewing the Increase or Decrease (as the case may be) of Births, Marriages and Deaths in the different County Towns of Ontario.

COUNTY TOWNS.	BIRTHS 1876.	BIRTHS 1877.	Increase.	Decrease.	Increase per Cent.	MARRIAGES 1876.	MARRIAGES 1877.	Increase.	Decrease.	Increase per Cent.	DEATHS 1876.	DEATHS 1877.	Increase.	Decrease.	Increase per Cent.	Total No. B,M and D 1876.	Total No. B,M and D 1877.	Total Increase.	Total Decrease.	Increase per Cent.
Brantford	237	278	41		17	111	107		4		134	121		13		482	506	24		5
Walkerton	73	76	3			29	29				16	20	4		25	118	125	7		6·0
Ottawa	458	339		119		266	275	9		3	235	144		91		959	758		201	
St. Thomas	109	123	14		12	88	92	4		4	67	61		6		264	276	12		4·5
Sandwich	24	21		3		21	13		8		22	22				67	56		11	
Kingston	416	349		67		141	163	22		1	345	229		116		902	741		161	
Owen Sound	132	96		36		51	52	1			49	52	3		6	232	200		32	
Cayuga	34	25		9		9	8		1		14	6		8		57	39		18	
Milton	31	40	9		29	7	14	7		100	19	9		10		57	63	6		10·5
Belleville	284	321	37		13	134	116		18	13	214	235	21		9	632	672	40		6·3
Goderich	126	114		12		45	51	6		13	90	52		38		261	217		44	
Chatham	114	93		21		119	125	6		5	90	90				323	308		15	
Sarnia	106	88		18		55	57	2			59	44		15		220	189		31	
Perth	66	71	5		7	53	51		2		39	28		11		158	150		8	
Brockville	158	174	16		10	64	87	23		36	67	56		11		289	317	28		9·6
Napanee	48	73	25		52	56	54		2		43	52	9		20	147	179	32		21·7
St. Catharines	137	164	27		20	119	124	5		4	230	206		24		486	494	8		1·6
London	456	465	9		2	208	200		8		368	358		10		1122	1113		9	
Simcoe	53	65	12		22	43	42		1		33	48	15		45	129	155	26		20·1
Cobourg	134	90		44		90	67		23		95	53		42		319	210		109	
Whitby	77	86	9		11	24	28	4		16	56	50		6		157	164	7		4·5
Woodstock	128	186	58		45	74	67		7		76	71		5		278	324	46		16·5
Brampton	131	97		34		62	37		25		78	62		16		271	196		75	
Stratford	243	181		62		79	66		13		52	78	26		50	374	325		49	
Peterborough	98	131	33		33	60	54		6		57	71	14		24	215	256	41		19·1
L'Orignal	44	16		28		32	32				12	14	2		16	88	62		26	
Picton	27	46	19		70	54	44		10		40	32		8		121	122	1		

Pembroke	115	113		2		31	33	2		6	54	50			4	200	196		
Barrie	123	105		18		47	77	30		63	100	66			34	270	248		
Cornwall	91	79		12		44	59	15		34	58	91	33	57		193	229	36	18·6
Lindsay	110	95		15		69	97	28		40	43	34				222	226		1·8
Berlin	138	104		34		60	50		10		57	60	3	5	9	255	214	4	
Welland	24	36	12		50	30	26		4		7	15	8		114	61	77		16	26·2
Guelph	311	341	30		9	132	108	23	24	9	118	109	21		9	561	558		
Hamilton	644	940	296		46	240	263				633	654			3	1517	1857	340	3	22·4
Toronto	1984	2222	238		12	714	786	72		10	1664	1595			69	4362	4603	241		5·5
Total	7484	7843	893	534		3551	3644	259	166		5334	4938	159	555		16369	16425	915	859

Total Increase	Total Increase		Total Decrease		Total Increase		Total Decrease		Total Increase of B, M. & D.	
359	893		93	166		396	555		56	

The County Towns shew a total increase of 359 in births, 93 in marriages, and a decrease of 396 in deaths. Many of the towns, which gave increased numbers of births in 1876 over 1875, have in 1877 returned less than they did in 1876. Among them may be noticed the Cities of Ottawa and Kingston, and the Town of Stratford.

Ottawa had an increase in 1876, over 1875, of 306; in 1877, as compared with 1876, a decrease of 119.

Kingston had an increase in 1876, over 1875, of 325 ; in 1877, as compared with 1876, a decrease of 67.

Stratford had an increase in 1876, over 1875, of 109; in 1877, as compared with 1876, a decrease of 62.

The total number of registrations of births, in these county towns, is 7,843, against 7,484 in 1876, shewing an increase of 359, or 4·7 per cent.

TABLE C.—RETURN of BIRTHS, MARRIAGES, and DEATHS in Cities and Principal Towns, with the Population of each place, as returned by the Assessors, for the year 1877, and the rate per 1,000 of persons living; also, the Principal Causes of Death in those places.

COUNTY TOWNS	Population in 1877, as returned by the Assessors	BIRTHS Number returned	BIRTHS Rate per 1,000 of the Population	MARRIAGES Number returned	MARRIAGES Rate per 1,000 of the Population	DEATHS Number returned	DEATHS Rate per 1,000 of the Population	Scarlatina	Diphtheria	Dysentery	Diarrhœa	Typhoid Fever	Other Fevers	Scarlet Fever	Phthisis or Consumption of Lungs	Brain Disease	Heart Disease	Pneumonia	Lung Disease	Old Age
								Miasmatic Diseases →												
Toronto	67,386	2,222	32·9	786	11·6	1,595	23·6	21	40	9	82	42	7	65	206	32	41	80	13	66
Hamilton	32,641	940	28·8	263	8·0	654	20·0	8	24	2	41	10	5	59	61	24	24	41	19	28
Ottawa	24,431	339	13·9	275	11·2	144	5·9		3	2	10	3		12	12	8	4	4	1	11
London	18,808	465	24·7	290	11·4	358	19·0	1		1	26	13	3	2	44	13	19	18	6	30
St. Catharines	13,143	164	12·4	124	9·4	206	15·6		3		4	8	2	8	34	9	8	8	4	5
Kingston	13,253	349	26·2	163	12·2	229	17·2		4	1	6	2	3	2	36	9	5	9	2	14
Belleville	11,192	321	28·6	116	10·3	235	21·0		28	1	4	9	3		31	7	4	10	6	22
Brantford	10,631	278	26·1	107	10·0	121	11·4		5		8	6		3	21	2	4	7	1	7
Guelph	9,677	341	35·2	108	11·1	109	11·2	1		3	13	3		1	9	6	10	3	2	3
Stratford	8,442	181	21·4	66	7·8	78	9·2		1	2	2	5		2	9	2	3	4		4
Chatham	6,929	93	13·4	125	18·0	90	13·0		14	1	5	3	4		12	1	3	4	2	2
Brockville	7,102	174	24·5	87	12·2	56	7·8		3		4			1	6	2	2	5	1	1
Peterborough	6,875	131	19·0	54	7·8	71	10·3		1		11	2			8	5	2	4	2	4
Port Hope	5,974	82	13·7	71	11·8	82	13·7		3	1	8	1		12	12	3	6	4	1	3
St. Thomas	5,954	123	20·6	92	15·4	61	10·2		1		4	1			5	2	1	1	1	6
Lindsay	5,374	95	17·6	97	18·0	34	6·3			1	3		1		4	3		1	1	2
Woodstock	5,298	186	35·1	67	12·6	71	13·4		9		1		1	3	12		7	5		7
Cobourg	5,278	90	17·0	67	12·6	53	10·0			1	3			1	10	2	2	5	2	7
Goderich	4,663	114	24·4	51	10·9	52	11·1		1		1	6		2	2	2	3	1	1	6
Barrie	4,238	105	24·7	77	18·1	66	13·2	2		3	2	2		7	5	2		7	4	6
	267,289	6,793		3,086		4,365		33	140	28	238	116	29	180	539	134	148	221	69	234

In the returns from the cities and principal towns, the ratio of births to population has increased from 22 per 1,000 to 25.   Of these 20 places, 8 are above that average and 12 below.   Guelph and Woodstock rank the highest with 35 births to the 1,000, while St. Catharines and Chatham are the lowest, only returning 12 and 13 per 1,000.

There can be no excuse for neglect on the part of Division Registrars in county towns ; these officers having better facilities for obtaining registratisns than have Division Registrars in townships.   That full returns are obtained where Division Registrars are anxious to enforce the laws, can be seen by the number of registrations received from Guelph, Woodstock, Toronto, Belleville, Peterborough, and other places.   The table shews how very far from correct the returns of births are from some of these cities and towns.   Take for instance St. Catharines.   The births returned number 164, the deaths returned are 206.   This shews that there have been 42 more deaths than births in 1877, and, consequently, we would expect to find a corresponding decrease in the population for that year, but the certified return of the assessors shew the population to have increased by 273.   These remarks are made with a view to incite the Division Registrars, whose returns are deficient, to emulate the zeal displayed by the more diligent ones.   On the whole, the returns shew a decided improvement, particularly in the cities and towns, as to the completeness with which the schedules are filled up, all the information required being given in nearly every instance.   Heretofore, many of the items were left without any remark such as " cause of death, &c."

The ratio of deaths to 1,000 of the population in some of the cities and principal towns is evidently less than what should be expected.   Whether this is owing to the salubrity of the climate in these places or to the improved sanitary measures adopted or to incomplete returns, it is difficult to determine.   The latter is believed to be the real cause.   In Toronto, Hamilton, London and Belleville the death rate is apparently large for cities of their population, as will be seen by the following comparison with other cities :—

	Population.	Deaths.	Ratio to 1,000 of the Population.		
Toronto	67,386	1,595	23	"	"
Belleville	11,192	235	21	"	"
Hamilton	32,641	654	20	"	"
London	18,808	358	19	"	"
Plymouth, Mass............	69,362	1,330	19	"	"
Providence, R. I 100,675		1,865	18	"	"
Rochester, England	62,579	1,241	19	"	"
Dover, England	36,939	607	16	"	"
Southampton, England ..	50,175	1,034	20	"	"
Reading, England	37,132	695	18	"	"

TABLE D.—BIRTHS BY MONTHS.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Date of Birth omitted.	Total.	No. of Pairs of Twins.	Triplets.	Illegitimate.	Still-born.
Algoma:																		
Male	7	6	6	7	6	8	4	10	9	5	4	1		73			8	8
Female	2	2	4	6	4	7	3	9	7	4	5	6		59			7	6
Total	9	8	10	13	10	15	7	19	16	9	9	7		132			15	14
Brant:																		
Male	37	36	31	32	42	30	38	35	33	33	24	29		400			8	8
Female	35	27	38	40	30	32	26	32	32	32	40	30		394			7	6
Total	72	63	69	72	72	62	64	67	65	65	64	59		794	7		15	14
Bruce:																		
Male	72	68	84	69	51	58	39	55	54	55	39	43		687			4	8
Female	58	55	62	56	59	57	45	54	39	42	44	31		602			4	8
Total	130	123	146	125	110	115	84	109	93	97	83	74		1289	18		8	16
Carleton:																		
Male	63	39	64	56	45	48	59	44	33	34	32	33		550			14	5
Female	59	50	55	58	49	48	44	42	36	24	29	32		526			17	1
Total	122	89	119	114	94	96	103	86	69	58	61	65		1076	13		31	6
Elgin:																		
Male	22	29	26	24	22	19	26	22	34	24	23	16		287				2
Female	18	27	28	29	20	28	19	29	24	36	20	12		290			2	1
Total	40	56	54	53	42	47	45	51	58	60	43	28		577	2		2	3
Essex:																		
Male	57	44	65	44	44	39	33	49	47	43	34	29		528			2	3
Female	56	55	66	56	30	31	33	45	47	44	35	30		528			4	2
Total	113	99	131	100	74	70	66	94	94	87	69	59		1056	10		6	5

County	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Frontenac:	Male	6	22	..	..	397	..	36	38	37	38	32	32	30	30	28	33	29	34
	Female	2	15	..	..	411	..	34	37	33	38	29	32	38	33	26	38	37	36
	Total	8	37	..	7	808	..	70	75	70	76	61	64	68	63	54	71	66	70
Grey:	Male	2	..	..	..	706	..	40	48	46	46	51	70	50	72	71	67	68	77
	Female	6	2	..	..	655	..	37	44	52	72	54	41	54	56	55	64	53	73
	Total	8	2	..	11	1,361	..	77	92	98	118	105	111	104	128	126	131	121	150
Haldimand:	Male	2	4	..	..	330	..	18	20	25	29	35	28	24	27	30	22	28	44
	Female	3	2	..	..	329	..	17	24	23	29	30	30	17	24	29	30	36	40
	Total	5	6	..	3	659	..	35	44	48	58	65	58	41	51	59	52	64	84
Halton:	Male	2	2	..	..	330	..	23	22	18	28	17	37	25	34	38	32	22	34
	Female	2	1	..	..	257	..	9	18	13	26	17	29	18	14	18	32	25	38
	Total	4	3	..	7	587	..	32	4	31	54	34	66	43	48	56	64	47	72
Hastings:	Male	6	4	..	..	579	..	23	38	53	51	36	56	50	38	46	52	68	68
	Female	3	2	..	..	490	..	28	36	32	34	58	52	35	48	38	49	35	45
	Total	9	6	..	7	1,069	..	51	74	85	85	94	108	85	86	84	101	103	113
Huron:	Male	11	6	..	..	883	..	35	68	63	67	67	77	55	74	71	100	92	114
	Female	4	5	..	..	813	..	38	59	57	67	68	72	69	64	64	85	65	105
	Total	15	11	..	14	1,696	..	73	127	120	134	135	149	124	138	135	185	157	219
Kent:	Male	2	..	..	..	465	..	20	36	34	34	30	40	33	28	42	57	53	58
	Female	2	3	..	..	459	..	17	30	31	35	30	38	28	40	37	55	60	58
	Total	4	3	..	4	924	..	37	66	65	69	60	78	61	68	79	112	113	116
Lambton:	Male	2	3	..	..	474	..	18	26	27	46	36	39	46	41	40	49	46	60
	Female	5	..	..	..	433	..	19	22	38	34	32	38	38	29	41	38	48	56
	Total	7	3	..	12	907	..	37	48	65	80	68	77	84	70	81	87	94	116

TABLE D.—BIRTHS BY MONTHS.—*Continued.*

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Date of Birth omitted.	Total.	No. of Pairs of Twins.	Triplets.	Illegitimate.	Still-born.
Lanark :																		
Male	35	39	47	32	33	34	29	36	32	37	26	23	....	403	....	....	6	3
Female	38	36	56	30	28	33	39	25	17	25	21	25	....	373	....	....	5	5
Total	73	75	103	62	61	67	68	61	49	62	47	48	....	776	9	1	11	8
Leeds and Grenville :																		
Male	46	56	44	49	30	43	51	38	46	38	53	29	....	523	....	....	7	....
Female	36	50	42	47	34	29	43	50	34	56	36	52	....	509	....	....	8	1
Total	82	106	86	96	64	72	94	88	80	94	89	81	....	1032	9	....	15	1
Lennox and Addington :																		
Male	24	27	22	28	25	21	38	19	23	19	15	13	....	274	....	....	2	2
Female	22	19	19	19	18	15	22	18	14	25	11	16	....	218	....	....	2	3
Total	46	46	41	47	43	36	60	37	37	44	26	29	....	492	7	....	4	5
Lincoln :																		
Male	36	43	37	29	24	23	21	22	36	35	19	7	....	332	....	....	4	3
Female	41	36	30	24	20	30	17	32	28	23	21	8	....	310	....	....	6	3
Total	77	79	67	53	44	53	38	54	64	58	40	15	....	642	4	2	10	6
Middlesex :																		
Male	116	108	118	112	80	72	88	88	86	64	64	39	....	1035	....	....	9	11
Female	126	87	120	87	84	68	70	66	67	59	67	32	....	933	....	....	9	7
Total	242	195	238	199	164	140	158	154	153	123	131	71	....	1968	18	....	18	18
Muskoka :																		
Male	12	20	20	16	11	22	23	9	12	18	9	4	....	176	....	....	1	3
Female	21	10	26	15	15	15	17	19	11	17	12	8	....	186	....	....	1	2
Total	33	30	46	31	26	37	40	28	23	35	21	12	....	362	6	....	2	5

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
Norfolk: Male	49	40	42	35	34	34	44	32	30	42	25	23		430			5	1
Female	39	38	28	36	23	26	42	29	35	28	25	14		363			5	2
Total	88	78	70	71	57	60	86	61	65	70	50	37		793	4		10	3
Northumberland and Durham: Male	72	72	53	61	56	50	70	52	47	39	34	19		625			1	6
Female	71	57	56	43	46	49	47	42	44	32	36	15		538			4	2
Total	143	129	109	104	102	99	117	94	91	71	70	34		1163	17		5	8
Ontario: Male	79	48	73	42	56	42	55	51	48	36	41	25		596			4	5
Female	66	49	64	47	36	49	41	44	39	35	35	25		530			2	3
Total	145	97	137	89	92	91	96	95	87	71	76	50		1126	11		6	8
Oxford: Male	63	40	52	67	42	43	44	69	41	45	49	19		574			9	2
Female	83	58	49	42	29	47	34	46	48	41	35	20		532				1
Total	146	98	101	109	71	90	78	115	89	86	84	39		1106	15		9	3
Parry Sound: Male	5	5	6	5	5		4	5	3	7	4	1		50				
Female	2	1	3	7	12	5	5	3	6	6	3	1		54			1	
Total	7	6	9	12	17	5	9	8	9	13	7	2		104	1		1	
Peel: Male	44	39	32	36	30	16	20	27	33	29	24	7		337			2	4
Female	48	29	29	30	22	21	16	22	31	20	25	13		306			3	5
Total	92	68	61	66	52	37	36	49	64	49	49	20		643	5		5	9
Perth: Male	72	69	74	65	64	47	65	63	57	41	43	44		704			5	4
Female	69	55	65	60	44	42	49	42	55	60	40	37		618			3	2
Total	141	124	139	125	108	89	114	105	112	101	83	81		1322	14		8	6
Peterborough: Male	44	35	38	28	36	32	22	16	33	28	34	17		363			1	9
Female	39	38	48	36	22	29	31	31	26	26	24	8		358			2	4
Total	83	73	86	64	58	61	53	47	59	54	58	25		721	9			13

TABLE D.—BIRTHS BY MONTHS.—Concluded.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Date of Birth omitted.	Total.	No. of Pairs of Twins.	Triplets.	Illegitimate.	Still-born.
Prescott and Russell :																		
Male	62	39	54	52	37	31	26	45	46	31	29	22	....	474	....	....	1	1
Female	47	52	52	53	35	32	38	31	37	29	29	24	....	459	....	....	2	1
Total	109	91	106	105	72	63	64	76	83	60	58	46	....	933	10	1	3	2
Prince Edward :																		
Male	30	25	30	9	8	11	18	16	14	11	7	9	....	188	....	....	2	2
Female	26	25	23	19	14	17	16	18	13	15	11	6	....	203	....	....	1	3
Total	56	50	53	28	22	28	34	34	27	26	18	15	....	391	7	....	3	5
Renfrew :																		
Male	42	48	36	38	30	38	39	52	27	26	18	22	....	416	....	....	3	1
Female	54	45	31	37	42	36	42	27	37	25	28	19	....	423	....	....	6	5
Total	96	93	67	75	72	74	81	79	64	51	46	41	....	839	9	....	9	6
Simcoe :																		
Male	78	81	85	92	54	62	58	69	59	60	48	28	....	774	....	....	1	4
Female	88	68	69	74	71	44	56	63	77	68	54	30	....	762	....	....	3	6
Total	166	149	154	166	125	106	114	132	136	128	102	58	....	1536	18	....	4	10
Stormont, Dundas and Glengarry :																		
Male	55	58	60	48	46	64	41	32	35	34	31	27	....	531	....	....	4	2
Female	70	66	60	45	43	48	44	46	42	34	34	22	....	554	....	....	2	5
Total	125	124	120	93	89	112	85	78	77	68	65	49	....	1085	10	....	6	7
Thunder Bay :																		
Male	2	1	3	3	4	7	2	7	1	2	2	1	....	35	....	....		
Female	7	4	5	5	3	6	3	3	1	2	3		....	42	....	....		
Total	9	5	8	8	7	13	5	10	2	4	5	1	....	77	1	....		

	Col 1	Col 2	Col 3	Col 4	Col 5	Col 6	Col 7	Col 8	Col 9	Col 10	Col 11	Col 12	Col 13	Col 14	Col 15	Col 16	Col 17	Col 18
Victoria: Male	60	38	44	45	43	39	38	39	39	36	36	26		483			2	2
Female	69	47	33	33	34	39	32	47	44	40	30	21		469			3	1
Total	129	85	77	78	77	78	70	86	83	76	66	47		952	11		5	3
¹²*Waterloo:* Male	105	55	55	53	48	58	53	56	52	49	44	40		668			7	6
Female	75	56	51	55	37	34	42	42	59	44	41	30		566			6	6
Total	180	111	106	108	85	92	95	98	111	93	85	70		1234	8		13	12
Welland: Male	40	33	26	23	20	27	28	34	24	25	24	18		322			2	
Female	38	32	29	31	36	27	33	30	33	25	27	10		351			2	3
Total	78	65	55	54	56	54	61	64	57	50	51	28		673	4		4	3
Wellington: Male	122	88	96	76	71	73	81	75	69	67	63	37		918			5	11
Female	103	77	86	63	63	64	71	77	72	71	58	42		847			2	2
Total	225	165	182	139	134	137	152	152	141	138	121	79		1765	27		7	13
Wentworth: Male	95	85	103	80	82	66	75	64	68	69	51	35		873			42	12
Female	75	80	114	67	62	53	58	69	69	69	56	48		820			34	16
Total	170	165	217	147	144	119	133	133	137	138	107	83		1693	21		76	28
York: Male	244	173	180	172	138	146	146	161	160	134	132	80		1866			86	17
Female	213	164	159	150	134	155	138	139	134	140	126	76		1728			73	16
Total	457	337	339	322	272	301	284	300	294	274	258	156		3594	42	1	159	33
Total Males	2379	1993	2118	1894	1661	1616	1757	1696	1670	1519	1377	979		20659			280	170
Do Females	2245	1854	1991	1708	1507	1513	1548	1590	1593	1476	1331	942		19298			249	149
Grand Total	4624	3847	4109	3602	3168	3129	3305	3286	3263	2995	2708	1921		39957	411	5	529	319

Order of Births by Months.

	Males.	Females.	Total.
January	2379	2245	4624
March	2118	1991	4109
February	1993	1854	3847
April	1894	1708	3602
July	1757	1548	3305
August	1696	1590	3286
September	1670	1593	3263
May	1661	1507	3168
June	1616	1513	3129
October	1519	1476	2995
November	1377	1331	2708
December	959	942	1921
	20,659	19,298	39,957

The months of January and December are respectively the highest and lowest on this scale. 2379 males, and 2245 females were born in the former, and 959 males and 942 females in the latter month, shewing a difference of 148 per cent. as regards the male births and of 138 per cent of the female. There seems to have been an extraordinary increase in the births registered in January, 1877, over the number in 1876. In that year there were only 3097 births returned while this year 4,624 have been registered, but there appears to be a large decrease in the month of December. In December, 1877, only 1920 births were registered as against 2953 in the same month in 1876. It may from these figures be concluded that a number of births which should have been registered in December were not returned until January.

Quarterly Return of Births.

	Males.	Females.	Total.
Quarter ending March 31	6,490	6,090	12,580
" " June 30	5,171	4,728	9,899
" " Sept. 30	5,123	4,731	9,854
" " December 31	3,875	3,749	7,624
	20,659	19,298	39,957

The average number of births within the several specified periods is as follows :—

	Males.	Females.	Total.
For the year	20,659	19,298	39,957
For the month	1,721	1,608	3,329
For the week	397	372	769
For the day	57	53	110

The difference in favour of the males was, in

1872..................1,027
1873..................1,037
1874 1,073
1875..... 1,064
1876................ 987
1877...................1,361

The following gives the total number of births in each quarter for the last four years, with the percentage for the whole four years :—

QUARTER.	1874.	1875.	1876.	1877.	Total for 4 years.	Percent'ge of the whole 4 years.
January to March	7,610	6,998	10,012	12,580	37,200	28.1
April to June	7,048	6,481	9,566	9,899	32,994	24.8
July to September....................	7,034	6,474	9,623	9,854	32,985	24.8
October to December	6,546	6,015	9,257	7,624	29,442	22.3
	28,238	25,968	38,458	39,957	132,621	100.0

PLURAL BIRTHS.

The cases of twin births have increased this year from 349 to 411. There were five triplet births, one in each of the Counties of Lanark, Prescott, Russell and York, and two in the County of Lincoln. One was returned in 1876. Two of the parents of these triplets have obtained the Queen's bounty, viz., £3 sterling.

ILLEGITIMATE BIRTHS.

A very large increase appears under this heading, which is to be deplored, but as the general number of births has increased, surprise need not be caused by finding a greater number of births out of wedlock. Dearth of employment and hard times generally promote immorality, and these may be among the causes of the increase. It, however, may be owing to the more complete system of registration now in force; still the number of illegitimate births in this Province is proportionally less than in other countries, as was shewn in last year's report. The last six years' registration of illegitimate children, twins and triplets are as follows :—

Year.	No. of Illegitimate Births.	Proportion of Illegitimate Births to Legitimate.			No. of Twins.	No. of Triplets.
1872	235	One illegitimate in every 99 births			76	
1873	229	"	" 120	"	200	1
1874	196	"	" 144	"	255	2
1875	198	"	" 131	"	264	1
1876	392	"	" 98	"	349	1
1877	529	"	" 75	"	411	5
Average........	296	"	" 111	"	259	Nearly 2

TABLE E.—MARRIAGES.

The following Table shews the number of marriages returned as having been solemnized during the year 1877, the religious denomination of the parties married, and whether by License or Banns.

COUNTIES	Episcopalian	Presbyterian	Methodist	Roman Catholic	Baptist	Congregationalist	Lutheran	Quaker	Mennonite	Bible Christian	Other Denominations	Total	No Denomination given	Grand Total	License	Banns	Not stated	Total Marriages
Algoma: Male	12	10	15	11	2							50		50				
Female	11	9	15	13	1						1	50		50				
Total	23	19	30	24	3						1	100		100	38	12		50
Brant: Male	39	31	76	17	47	9		1				220	1	221				
Female	28	30	83	18	55	7						221		221				
Total	67	61	159	35	102	16		1				441	1	442	206	15		221
Bruce: Male	61	125	120	39	15	2	11		5	1	8	387	3	390				
Female	58	128	112	45	19	3	10		2	1	9	387	3	390				
Total	119	253	232	84	34	5	21		7	2	17	774	6	780	341	49		390
Carleton: Male	96	105	68	116	13	3	6				4	411		411				
Female	86	113	63	127	14	2	4				1	410	1	411				
Total	182	218	131	243	27	5	10				5	821	1	822	343	67	1	411
Elgin: Male	35	49	117	5	40	2	2	1		3	9	263	14	277				
Female	29	46	116	8	46					3	15	263	14	277				
Total	64	95	233	13	86	2	2	1		6	24	526	28	554	271	6		277

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16	C17	C18
Essex : Male	47	16	105	98	15	2				6	2	290	7	297				
Female	38	12	98	115	23	1				6		293	4	297				
Total	85	27	203	213	38	3				12	2	583	11	594	193	104		297
Frontenac : Male	89	49	88	40	3	7					1	277	5	282				
Female	83	41	106	39	1	4		2				276	6	282				
Total	172	90	194	79	4	11		2			1	553	11	564	247	35		282
Grey : Male	57	125	121	9	16	2	18	1	2	2	3	356	1	357				
Female	51	116	132	10	17	3	17	1	2	2	7	355	2	357				
Total	108	241	253	19	33	5	35	1	2	4	10	711	3	714	333	23	1	357
Haldimand : Male	42	25	65	2	20		9	1	1		5	179	4	183				
Female	40	23	68	10	19		8	1	2		10	180	3	183				
Total	82	48	133	12	39		17	1	3		15	359	7	366	171	12		183
Halton : Male	19	45	65	6	1	2			1	1	1	141		141				
Female	24	43	58	3	4	2	1		1	1	1	141		141				
Total	43	88	123	9	5	4	1		1	1	2	282		282	137	4		141
Hastings : Male	55	45	207	51	7	1				14	2	382	6	388				
Female	44	43	221	51	9	1			1	12	3	383	5	388				
Total	99	88	428	102	16	1			1	26	5	765	11	776	339	47	2	388
Huron : Male	88	170	190	15	13	1	17	1	1	35	3	533	3	536				
Female	88	174	190	15	7	2	13		2	33	5	530	6	536				
Total	176	344	380	30	20	3	30	1	3	68	8	1063	9	1072	510	17	9	536
Kent : Male	62	57	150	56	37	3	1				4	370	5	375				
Female	46	60	173	49	37		1				4	370	5	375				
Total	108	117	323	105	74	3	2				8	740	10	750	319	54	2	375

TABLE E.—MARRIAGES BY DENOMINATIONS.—Continued.

COUNTIES.	Religious Denomination of Bride and Bridegroom.												No Denomination given.	GRAND TOTAL.	How Married.			
	Episcopalian.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Quaker.	Mennonite.	Bible Christian.	Other Denominations.	TOTAL.			License.	Banns.	Not stated.	TOTAL MARRIAGES.
Lambton:																		
Male	50	72	95	13	21	4	1				2	258	1	259				
Female	37	80	90	12	29	9					2	259		259				
Total	87	152	185	25	50	13	1				4	517	1	518	247	11	1	259
Lanark:																		
Male	60	82	44	32	8	5					3	234	2	236				
Female	60	74	46	38	11	4					2	235	1	236				
Total	120	156	90	70	19	9					5	469	3	472	197	37	2	236
Leeds and Grenville:																		
Male	79	55	151	70	15		1				3	374	2	376				
Female	82	56	153	71	9	1		1			1	374	2	376				
Total	161	111	304	141	24	1	1	1			4	748	4	752	319	52	5	376
Lennox and Addington:																		
Male	33	18	118	17	1	1					1	189		189				
Female	27	16	129	13	2	1					1	189		189				
Total	60	34	247	30	3	2					2	378		378	174	15		189
Lincoln:																		
Male	41	39	103	36	10	1	1		1	1	7	240	2	242				
Female	40	39	100	31	12	1	3		3		10	239	3	242				
Total	81	78	203	67	22	2	4		4	1	17	479	5	484	212	29	1	242

Middlesex: Male	165	113	243	41	61	8	3			17	9	660	1	661				
Female	147	121	245	42	68	11	2			15	9	660	1	661				
Total	312	234	488	83	129	19	5			32	18	1320	2	1322	641	20		661
Muskoka: Male	19	17	33	6	7		3				1	86	8	94				
Female	20	17	38	6	3		2					86	8	94				
Total	39	34	71	12	10		5				1	172	16	188	90	3	1	94
Norfolk: Male	31	23	93	2	58	1	5	1			2	216	2	218				
Female	26	14	95	2	67		4	1			6	215	3	218				
Total	57	37	188	4	125	1	9	2			8	431	5	436	207	9	2	218
Northumberland and Durham: Male	109	105	246	31	14	4	2			62	8	581	4	585				
Female	92	109	249	37	9	4	3			72	7	582	3	585				
Total	201	214	495	68	23	8	5			134	15	1163	7	1170	557	27	1	585
Ontario: Male	48	87	142	32	19	1	2	1	1	37	2	371	7	378				
Female	46	86	145	34	15	3	1	1		37	2	371	7	378				
Total	94	173	287	66	34	4	3	2	1	74	4	742	14	756	337	41		378
Oxford: Male	56	77	136	14	57	5			6	5	6	362	7	369				
Female	39	77	155	16	52	5			4	3	10	361	8	369				
Total	95	154	291	30	109	10			10	8	16	723	15	738	359	10		369
Parry Sound: Male	4	3	4	1								12		12				
Female	3	2	6	1								12		12				
Total	7	5	10	2								24		24	11	1		12
Peel: Male	31	36	79	9	7	1					2	165	2	167				
Female	32	23	89	11	7	1					1	164	3	167				
Total	63	59	168	20	14	2					3	329	5	334	158	9		167

TABLE E.—MARRIAGES BY DENOMINATIONS.—*Continued.*

COUNTIES.	Episcopalian.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Quaker.	Mennonite.	Bible Christian.	Other Denominations.	TOTAL.	No Denomination given.	GRAND TOTAL.	License.	Banns.	Not stated.	TOTAL MARRIAGES.
Perth :																		
Male	50	97	72	29	15	2	49	....	3	21	6	346	2	348	....	....	....	....
Female	42	95	76	32	15	2	52	....	4	24	5	347	1	348	....	....	....	....
Total	92	192	148	61	30	4	101	....	7	45	11	693	3	696	307	41	....	348
Peterborough :																		
Male	28	44	41	20	10	....	1	....	....	8	....	152	2	154	....	....	....	....
Female	23	42	44	21	12	....	1	....	....	9	....	152	2	154	....	....	....	....
Total	51	86	85	41	22	....	2	....	....	17	....	304	4	308	136	18	....	154
Prescott and Russell :																		
Male	12	18	19	112	3	2	....	....	....	....	2	168	....	168	....	....	....	....
Female	12	25	15	110	5	1	....	....	....	....	....	168	....	168	....	....	....	....
Total	24	43	34	222	8	3	....	....	....	....	2	336	....	336	61	102	5	168
Prince Edward :																		
Male	15	10	115	3	....	....	....	1	....	....	5	149	1	150	....	....	....	....
Female	19	5	113	5	....	....	....	....	....	....	6	148	2	150	....	....	....	....
Total	34	15	228	8	....	....	....	1	....	....	11	297	3	300	147	3	....	150

County	Sex	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Renfrew:	Male	30	42	22	49	4		6				1	154	1	154				
	Female	26	43	23	48	4		8				1	153		154				
	Total	56	85	45	97	8		14				2	307	1	308	103	47	4	154
Simcoe:	Male	103	128	155	68	11	6	2		3	2	1	479	4	483				
	Female	88	128	165	74	8	8	2		4	1	1	479	4	483				
	Total	191	256	320	142	19	14	4		7	3	2	958	8	966	427	53	3	483
Stormont, Dundas and Glengarry:	Male	41	119	80	90	11	2	11				1	355	1	356				
	Female	47	102	87	96	15	1	8					356		356				
	Total	88	221	167	186	26	3	19				1	711	1	712	270	83	3	356
Thunder Bay:	Male	3	3	2	7								15		15				
	Female	1	2	5	7								15		15				
	Total	4	5	7	14								30		30	9	6		15
Victoria:	Male	40	60	83	35	8	1			33	31	1	259	8	267				
	Female	36	55	85	39	10	2			35	30	2	259	8	267				
	Total	76	115	168	74	18	3			68	61	3	518	16	534	238	28	1	267
Waterloo:	Male	28	50	56	49	4	1	88		2		23	332	30	362				
	Female	18	55	47	54	6		93		1		35	343	19	362				
	Total	46	105	103	103	10	1	181		3		58	675	49	724	241	117	4	362
Welland:	Male	40	23	72	47	11		13		2		15	223	9	232				
	Female	46	22	74	46	7		11		1		20	227	5	232				
	Total	86	45	146	93	18		24		3		35	450	14	464	189	43		232
Wellington:	Male	76	181	175	56	17	7	3			1	15	531	11	542				
	Female	82	166	181	58	18	7	5				17	534	8	542				
	Total	158	347	356	114	35	14	8			1	32	1065	19	1084	492	45	5	542

TABLE E.—MARRIAGES BY DENOMINATIONS.—*Concluded.*

COUNTIES.	Episcopalian.	Presbyterian.	Methodist.	Roman Catholic.	Baptist.	Congregationalist.	Lutheran.	Quaker.	Mennonite.	Bible Christian.	Other Denominations.	Total.	No Denomination given.	Grand Total.	License.	Banns.	Not stated.	Total Marriages.
						Religious Denomination of Bride and Bridegroom.									How Married.			
Wentworth: Male	120	118	141	54	11	4	4				7	459	11	470				
Female	108	103	161	53	22	5	3				4	459	11	470				470
Total	228	221	302	107	33	9	7				11	918	22	940	444	26		470
York: Male	367	163	337	145	52	31	6	3	5	14	38	1161	21	1182				1182
Female	336	168	363	153	67	22	7	2	2	19	34	1173	9	1182	1090	81	11	1182
Total	703	331	700	298	119	53	13	5	7	33	72	2334	30	2364				
Total Males	2381	2635	4244	1533	664	121	265	10	62	261	203	12390	187	12577				12577
Do Females	2161	2567	4414	1613	725	112	259	8	61	267	231	12419	158	12577				
Grand Total	4542	5202	8658	3146	1389	233	524	18	123	528	434	24809	345	25154	11111	1402	64	12577

34.89 per cent., or 1 in every 2.86 persons married whose denominations were given were Methodists.

20.96	"	"	1	"	4.76	"	"	Presbyterians.
18.30	"	"	1	"	5.46	"	"	Episcopalians.
12.27	"	"	1	"	7.88	"	"	R. Catholics.
5.59	"	"	1	"	17.86	"	"	Baptists.
2.12	"	"	1	"	47.00	"	"	Bible Christians.
2.11	"	"	1	"	47.34	"	"	Lutherans.
.93	"	"	1	"	106.47	"	"	Congregationalists.
.49	"	"	1	"	201.70	"	"	Mennonites.
.07	"	"	1	"	1378.02	"	"	Quakers.
1.75	"	"	1	"	57.16	"		were of other denominations.

Three hundred and forfty-five marriages are returned without the denominations to which the bride and bridegroom belonged being given. The attention of clergymen was called to this omission in the last report, but apparently without effect, as the number of such cases has increased rather than diminished.

Division Registrars should see that slips sent to them incomplete with regard to this information, are returned for correction.

88.34 per cent. of the marriages were by license, 11.15 per cent. by banns. Of the remaining .51 per cent. it does not appear they were married by license or banns.

The following Table shews the number of Marriages solemnized each month during the year 1877 :—

TABLE F.—MARRIAGES BY MONTHS.

COUNTIES.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	No date given.	Total No. of couples married.
Algoma	5	4	3	6	3	1	2	6	4	6	6	4	....	50
Brant	25	12	13	17	27	13	14	11	19	29	14	27	....	221
Bruce	52	34	27	22	26	21	23	21	24	43	48	49	....	390
Carleton	34	26	31	32	42	29	42	36	25	45	39	29	1	411
Elgin	33	10	29	21	13	16	12	20	20	34	32	36	1	277
Essex	33	26	10	31	23	25	21	10	14	49	31	22	2	297
Frontenac	24	23	13	19	19	29	21	20	22	34	35	19	4	282
Grey	57	37	35	27	19	23	21	16	21	36	21	44	....	357
Haldimand	21	18	13	14	9	10	11	8	8	28	17	26	....	183
Halton	11	13	15	7	17	7	7	10	13	17	9	14	1	141
Hastings	49	37	24	23	26	24	22	20	34	32	37	56	4	388
Huron	54	54	44	36	39	36	39	24	46	56	46	62	....	536
Kent	31	36	33	28	34	26	18	14	28	40	37	48	2	375
Lambton	20	23	21	16	29	24	15	8	19	28	31	25	....	259
Lanark	30	10	28	26	12	16	17	14	12	22	34	15	....	236
Leeds and Grenville	52	37	24	36	20	21	20	17	37	44	33	35	....	376
Lennox and Addington	24	18	13	13	8	11	11	6	11	26	19	28	1	189
Lincoln	28	13	18	14	18	26	11	9	28	26	18	30	3	242
Middlesex	62	38	58	63	49	53	37	42	72	61	53	73	....	661
Muskoka	13	9	3	10	9	6	4	6	10	9	5	10	....	94
Norfolk	23	11	15	15	14	14	6	13	20	23	29	35	....	218
Northumberland and Durham	50	51	40	44	28	38	33	28	44	59	60	110	....	585
Ontario	41	33	26	27	17	25	26	13	34	46	43	46	1	378
Oxford	39	33	30	22	27	20	19	19	35	38	39	48	....	369
Parry Sound	1	3	....	1	....	1	2	....	2	....	....	2	....	12
Peel	20	14	17	18	6	8	13	8	11	18	13	21	....	167
Perth	41	29	38	22	25	17	19	13	34	41	32	37	....	348
Peterborough	15	20	12	13	9	7	9	5	20	15	19	10	....	154
Prescott and Russell	16	14	6	10	9	13	24	15	23	18	13	7	....	168
Prince Edward	14	16	14	5	13	8	13	11	15	13	14	14	....	150
Renfrew	16	11	6	17	23	12	10	10	15	14	10	7	3	154
Simcoe	59	39	38	57	34	29	38	18	40	41	41	48	1	483
Stormont, Dundas and Glengarry	48	32	27	24	19	19	24	25	36	48	26	26	2	356
Thunder Bay	2	1	1	....	....	2	2	4	1	2	....	....	....	15
Victoria	34	34	23	15	10	21	22	7	16	25	27	31	2	267
Waterloo	34	46	18	24	19	19	21	23	34	43	36	45	....	362
Welland	25	19	6	16	15	14	18	12	16	42	26	23	....	232
Wellington	66	57	55	39	27	34	23	24	48	64	45	58	2	542
Wentworth	42	36	31	29	41	49	34	36	38	48	36	50	....	470
York	109	90	68	82	89	96	79	72	113	127	132	120	5	1182
Total	1353	1067	926	941	867	863	803	674	1062	1390	1206	1390	35	12577

Quarterly Returns of Marriages by priority :—

For the quarter ending December 31st 3,986
   "   "   March 31st...... 3,346
   "   "   June 30th 2,671
   "   "   September 30th.................................... 2,539
Date of marriage omitted............... 35

                            12,577

Average number of Marriages per Quarter 3,144
   "   "   Month 1,048
   "   "   Week......................... 248
   "   "   Day 34

The months of December and October still continue to be the favourite months for wedlock.

Table exhibiting the respective ages of the

COUNTIES.	Sex.	Under 20.	20 and under 25.	25 and under 30.	30 and under 35.	35 and under 40	40 and under 45
Algoma	M....	1	20	14	6	4	4
	F....	26	13	6	2	1	2
	Total..	27	33	20	8	5	6
Brant	M....	4	95	61	27	8	7
	F....	51	106	35	12	10	3
	Total..	55	201	96	39	18	10
Bruce	M....	4	141	157	39	28	9
	F....	104	202	58	12	8	....
	Total..	108	343	215	51	36	9
Carleton	M....	4	140	141	60	27	15
	F....	77	202	76	27	9	9
	Total..	81	342	217	87	36	24
Elgin	M....	6	119	81	29	18	5
	F....	69	138	39	12	4	5
	Total..	75	257	120	41	22	10
Essex	M....	2	112	111	24	17	9
	F....	97	122	34	25	5	5
	Total..	99	234	145	49	22	14
Frontenac	M.....	2	95	88	40	29	9
	F....	54	138	51	14	14	4
	Total..	56	233	139	54	43	13
Grey	M....	3	159	130	31	13	6
	F....	109	183	44	8	3	4
	Total..	112	342	174	39	16	10
Haldimand	M.. .	1	90	54	16	7	5
	F....	48	91	27	9	4	2
	Total..	49	181	81	25	11	7
Halton	M....	....	46	51	20	10	1
	F....	28	69	24	9	5	2
	Total..	28	115	75	29	15	3
Hastings	M....	5	145	121	43	30	11
	F....	98	178	57	17	15	8
	Total..	103	323	178	60	45	19
Huron	M.. .	2	200	211	69	23	10
	F....	119	307	75	16	4	5
	Total..	121	507	286	85	27	15
Kent	M....	5	143	125	47	23	6
	F....	121	170	44	16	12	....
	Total..	126	313	169	63	35	6
Lambton	M....	2	105	92	33	12	3
	F....	70	131	33	10	4	1
	Total..	72	236	125	43	16	4

BY AGES.

parties married during the year under review :—

45 and under 50.	50 and under 55.	55 and under 60.	60 and under 65.	65 and under 70.	70 and under 75.	75 and under 80.	Over 80.	Age not given.	TOTAL
1									50
									50
1									100
7	3	2	2	2		3			221
3	1								221
10	4	2	2	2		3			442
6	3		2	1					390
3	1	2							390
9	4	2	2	1					780
9	5	1	3					6	411
1	2							8	411
10	7	1	3					14	822
7	4	1	5			1		1	277
3	3	3						1	277
10	7	4	5			1		2	554
6		6	6		2			2	297
5		1	1					2	297
11		7	7		2			4	594
8	4	2	1	1				3	282
1	1							5	282
9	5	2	1	1				8	564
4	4	1	2	2		1		1	357
2	2	1						1	357
6	6	2	2	2		1		2	714
5	2		2			1			183
1		1							183
6	2	1	2			1			366
5	5	1	2						141
	3	1							141
5	8	2	2						282
6	9		1	3	3			11	388
	3	1	1	1				9	388
6	12	1	2	4	3			20	776
7	4	2	4	1	1	1		1	536
2	1	2	3					2	536
9	5	4	7	1	1	1		3	1072
11	3	1	5	3		1		2	375
3	1	2	2					4	375
14	4	3	7	3		1		6	750
6			3	2	1				259
5		1	2					2	259
11		1	5	2	1			2	518

TABLE G.—MARRIAGES

COUNTIES.	Sex.	Under 20.	20 and under 25.	25 and under 30.	30 and under 35.	35 and under 40	40 and under 45
Lanark	M....	....	75	91	37	18	5
	F	36	114	55	18	7	1
	Total..	36	189	146	55	25	6
Leeds and Grenville	M.....	5	143	126	37	22	19
	F	64	201	64	17	15	6
	Total..	69	344	190	54	37	25
Lennox and Addington	M....	2	74	70	20	4	6
	F	51	81	33	8	4	6
	Total..	53	155	103	28	8	12
Lincoln	M....	4	87	86	30	19	6
	F	60	104	48	15	6	1
	Total..	64	191	134	45	25	7
Middlesex	M....	5	242	227	94	43	20
	F	132	347	105	35	14	12
	Total..	137	589	332	129	57	32
Muskoka	M....	1	32	32	13	2	8
	F	30	38	9	6	4	2
	Total..	31	70	41	19	6	10
Norfolk	M....	5	102	53	25	12	7
	F	59	109	23	9	6	5
	Total..	64	211	76	34	18	12
Northumberland and Durham	M....	7	215	197	69	25	21
	F	114	284	93	35	13	15
	Total..	121	499	290	104	38	36
Ontario	M....	11	163	113	42	20	14
	F	102	179	63	14	7	4
	Total..	113	342	176	56	27	18
Oxford	M....	5	155	113	48	21	7
	F	80	185	60	19	5	8
	Total..	85	340	173	67	26	15
Parry Sound	M....	1	4	6	....	....	1
	F	6	3	3	....	....	....
	Total..	7	7	9	....	....	1
Peel	M....	1	52	62	25	9	5
	F	24	89	29	12	4	5
	Total..	25	141	91	37	13	10
Perth	M....	1	136	143	32	13	10
	F	78	178	60	20	4	3
	Total..	79	314	203	52	17	13
Peterborough	M....	1	54	55	24	9	6
	F	32	77	26	11	3	1
	Total..	33	131	81	35	12	7

BY AGES.—*Continued.*

45 and under 50.	50 and under 55.	55 and under 60.	60 and under 65.	65 and under 70.	70 and under 75.	75 and under 80.	Over 80.	Ages not given	TOTAL
4	3	1	1	1	....	....	....	....	236
2	1	1	....	....	....	....	....	1	233
6	4	2	1	1	....	....		1	472
7	6	4	2	....	....	....	....	5	376
1	2	....	1	....	....	....	....	5	376
8	8	4	3	....	....	....		10	752
5	4	1	....	2	....	....	....	1	189
1	1	1	1	....	1	....	....	1	189
6	5	2	1	2	1	....		2	378
2	3	2	1	1	....	....	....	1	242
2	4	1	....	....	....	....	....	1	242
4	7	3	1	1	....	....		2	484
8	6	8	2	1	4	1	....	....	661
3	7	4	....	2	....	....	....	....	661
11	13	12	2	3	4	1	....	....	1322
1	2	2	1	....	....	....	....	....	94
5	....	....	....	....	....	....	....	....	94
6	2	2	1	....	....	....		....	188
4	5	3	2	....	....	....	....	....	218
4	1	1	....	....	....	....	....	1	218
8	6	4	2	....	....	....		1	436
11	9	9	3	1	4	....	2	12	585
11	4	2	1	1	....	....	....	12	585
22	13	11	4	2	4	....	2	24	1170
2	5	2	3	1	1	....	....	1	378
5	2	....	1	1	....	....	....	....	378
7	7	2	4	2	1	....		1	756
5	5	6	1	1	2	....	....	....	369
3	2	3	1	....	....	....	....	3	369
8	7	9	2	1	2	....		3	738
....	....	....	....	....	....	....	....	....	12
....	....	....	....	....	....	....	....	....	12
....	....	....	....	....	....	....		....	24
3	2	4	3	....	....	....	....	1	167
2	....	....	1	....	....	....	....	1	167
5	2	4	4	....	....	....		2	334
7	3	2	....	1	....	....	....	....	348
3	....	1	....	....	....	....	....	1	348
10	3	3	....	1	....	....		1	696
2	1	....	1	....	....	....	....	1	154
2	1	....	....	....	....	....	....	1	154
4	2	....	1	....	....	....		2	308

TABLE G.—MARRIAGES

COUNTIES.	Sex.	Under 20.	20 and under 25.	25 and under 30.	30 and under 35.	35 and under 40	40 and under 45
Prescott and Russell	M....	7	76	43	20	10	4
	F	56	74	24	7	2	....
	Total..	63	150	67	27	12	4
Prince Edward	M....	4	75	39	9	5	6
	F	36	70	22	8	2	4
	Total..	40	145	61	17	7	10
Renfrew.......................	M....	1	48	52	24	15	7
	F	34	79	28	7	2	....
	Total..	35	127	80	31	17	7
Simcoe	M....	2	188	172	57	29	12
	F	127	222	83	21	10	4
	Total..	129	410	255	78	39	16
Stormont, Dundas and Glengarry...	M....	6	122	113	59	21	11
	F	79	162	62	30	9	7
	Total..	85	284	175	89	30	18
Thunder Bay	M	....	6	4	3	....	1
	F	5	7	1	....	1	1
	Total..	5	13	5	3	1	2
Victoria.......................	M....	5	91	94	38	14	5
	F	59	129	50	5	6	3
	Total..	64	220	144	43	20	8
Waterloo	M....	3	170	112	31	20	10
	F	75	189	63	13	8	10
	Total..	78	359	175	44	28	20
Welland.......................	M....	....	91	90	24	12	7
	F	47	117	45	10	7	3
	Total..	47	208	135	34	19	10
Wellington	M....	4	206	200	59	22	21
	F	115	284	80	28	6	9
	Total..	119	490	280	87	28	30
Wentworth	M....	5	205	129	63	26	9
	F	98	243	69	28	11	10
	Total..	103	448	198	91	37	19
York	M....	7	472	379	162	52	43
	F	219	575	219	79	41	27
	Total..	226	1047	598	241	93	70
Total Males		134	4894	4238	1529	692	371
Total Females		2889	6090	2020	644	295	197
Grand Total		3023	10984	6258	2173	987	568

BY AGES.—*Concluded.*

45 and under 50.	50 and under 55.	55 and under 60.	60 and under 65.	65 and under 70.	70 and under 75.	75 and under 80.	Over 80.	Ages not given.	TOTAL
4	1	....	2	....	....	....	1	....	168
4	1	....	....	....	....	....	....	....	168
8	2	....	2	....	....	....	1	....	336
3	2	1	2	3	....	....	....	1	150
1	2	1	....	1	....	....	....	3	150
4	4	2	2	4	....	....	....	4	300
5	....	....	1	....	....	....	....	1	154
....	2	....	....	....	....	....	....	2	154
5	2	....	1	....	....	....	....	3	308
9	6	6	2	....	....	....	....	....	483
8	3	1	....	1	....	....	....	3	483
17	9	7	2	1	....	....	....	3	966
9	5	2	2	6	....	....	....	....	356
....	1	....	....	....	....	....	....	6	356
9	6	2	2	6	....	....	....	6	712
....	1	....	....	....	....	....	....	....	15
....	....	....	....	....	....	....	....	....	15
....	1	....	....	....	....	....	....	....	30
1	2	5	....	1	....	....	....	11	267
2	1	....	1	....	....	....	....	11	267
3	3	5	1	1	....	....	....	22	534
9	5	....	....	....	1	....	1	....	362
3	....	....	1	....	....	....	....	....	362
12	5	....	1	....	1	....	1	....	724
2	5	1	....	....	....	....	....	....	232
1	1	1	....	....	....	....	....	....	232
3	6	2	....	....	....	....	....	....	464
8	5	5	5	4	....	1	....	2	542
5	7	3	2	....	....	....	....	3	542
13	12	8	7	4	....	1	....	5	1084
6	7	7	5	3	2	3	....	....	470
5	2	1	1	....	....	....	....	2	470
11	9	8	6	3	2	3	....	2	940
21	20	10	8	3	2	1	....	2	1182
7	4	2	4	2	....	....	....	3	1182
28	24	12	12	5	2	1	....	5	2364
226	159	98	85	44	23	14	4	66	12577
109	67	38	24	9	1	....	....	94	12577
335	226	136	109	53	24	14	4	160	25154

Of the 12,577 men who were married in 1877, 134 were minors, or one in every 93 persons married ; 4,894 married between 20 and 25 ; 4,238 between 25 and 30 ; 1,529 between 30 and 35 ; 692 between 35 and 40 ; 371 between 40 and 45 ; 226 between 45 and 50 ; 159 between 50 and 55 ; 98 between 55 and 60 ; 85 between 60 and 65 ; 44 between 65 and 70 ; 41 were married over 70.

1.06 per cent. were minors ; 39 per cent. under 25 ; 33 per cent. under 30 ; 17 per cent. under 40 ; and 8 per cent. over 40.

Of the females, 2,889, or 22.17 per cent. were married under 20 ; 6,090, or 48.42 per cent. between 20 and 25 ; 2,020, or 16.06 per cent. between 25 and 30 ; 939, or 7.46 per cent. between 30 and 40 ; 445, or 3.53 per cent. over 40 years of age.

The ages of 66 males and 94 females were not obtained at the time of marriage, being at the rate of one man in every 133 married, and one female in every 190. The County of Ontario returns the largest number of marriages under the age of 20, of any county.

The County of York shews the highest number of females married under the age of 20, being 219.   The next in order is Middlesex, 132 ; Simcoe 127, and Kent 121, repectively.

The percentage of the whole number persons married according to age is as follows :—

	Males.		Females.	
Under 20 yrs.	"	1.06 per cent.	"	22.96 per cent.
From 20 to 25 yrs.	"	38.91 "	"	48.22 "
" 25 " 30	"	33.69 "	"	16.45 "
" 30 " 35	"	12.15 "	"	5.20 "
" 35 " 40	"	5.50 "	"	2.34 "
" 40 " 45	"	2.95 "	"	1.56 "
" 45 " 50	"	1.78 "	"	0.86 "
" 50 " 55	"	1.26 "	"	0.53 "
" 55 " 60	"	0.77 "	"	0.32 "
" 60 " 65	"	0.67 "	"	0.19 "
" 65 " 70	"	0.34 "	"	0.07 "
" 70 " 75	"	0.18 "	"	0.00 "
" 75 " 80	"	0.11 "	"	0.00 "
" over 80	"	0.03 "	"	0.00 "

The following remarkable instances of persons marrying in old age are given hereunder :

The great disimilarity in the ages of many of them when married is noticeable.

MARRIAGES OF OLD PEOPLE.

In the County of	Prescott and Russell	a man aged	88	married a woman of	48	years.
"	Northumberland and Durham	"	83	"	33	"
"	"	"	82	"	52	"
"	Waterloo	"	82	"	42	"
"	Brant	"	78	"	44	"
"	Haldimand	"	78	"	58	"
"	Elgin	"	77	"	56	"
"	Grey	"	77	"	25	"
"	York	"	77	"	63	"
"	Kent	"	77	"	57	"
"	Huron	"	76	"	56	"
"	Brant	"	75	"	38	"
"	Huron	"	74	"	60	"
"	Northumberland and Durham	"	74	"	57	"
"	Middlesex	"	74	"	58	"
"	York	"	74	"	65	"
"	Essex	"	73	"	19	"
"	Wentworth	"	73	"	55	"

In the County of York a man aged 73 married a woman of 62 years.
"   Essex   "   72   "   "   48 "
"   Hastings   "   71   "   "   68 "
"   Northumb'd
        & Durham "   71   "   "   60 "
"   Wentworth "   71   "   "   64 "
"   Middlesex "   70   "   "   65 "
"   "   "   70   "   "   56 "
"   "   "   70   "   "   56 "
"   Northumb'd
        & Durham "   70   "   "   46 "
"   "   "   70   "   "   52 "
"   Ontario   "   70   "   "   65 "

The oldest man married in 1877 in Ontario was 88 years ; his wife was only 48, there being the extraordinary difference of 40 years between the two. Two youths entered wedlock at the early age of 17 years. They married girls of 17 and 20 respectively. Six girls of 14 married youths from 17 to 20, and 32 girls married at fifteen.

TABLE H.—CAUSES OF DEATH.—ALPHABETICAL ARRANGEMENT.

Distinguishing by Months, by Age, and by Sex, the registered Number of Deaths from various specified causes (alphabetically arranged), during the year 1877.

AGGREGATE.

DEATHS (Sex)	Males	Females	Total	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Unknown	Under 1 year (1)	1 to 5 (2)	5 to 10 (3)	10 to 15 (4)	15 to 20 (5)	20 to 30 (6)	30 to 40 (7)	40 to 50 (8)	50 to 60 (9)	60 to 70 (10)	70 to 80 (11)	80 to 90 (12)	Over 90 (13)	Unknown (—)
Total			20,053	1711	1745	1921	1748	1716	1333	1688	1908	1697	1547	1445	1479	115	4704	2841	1064	615	776	1687	1310	1144	1098	1389	1572	1000	272	581
Males	10,603			896	938	1007	905	896	715	912	1019	896	808	796	761	54	2721	1477	517	313	351	730	589	583	615	768	909	563	159	308
Females		9,450		815	807	914	843	820	618	776	889	801	739	649	718	61	1983	1364	547	302	425	957	721	561	483	621	663	437	113	273

NATIONALITIES of DECEDENTS over Sixty Years of Age.

	English.	Irish.	Scotch.	German.	French.	Swiss.	American.	Canadian.	Not known.	Total.
Of the Deaths between 60 and 70	259	471	203	63	9	2	94	257	31	1,389
" " 70 and 80	291	513	273	57	6	1	111	275	45	1,572
" " 80 and 90	179	302	208	29	7	......	105	143	27	1,000
" " 90 and upwards	31	82	67	6	3	......	35	32	16	272
Total Deaths over 60.........	760	1,368	751	155	25	3	345	707	119	4,233

TABLE H.—

| SEX. | DEATHS. | | | MONTHS. | | | | | | | | | | | | |
| | Sex. | | | | | | | | | | | | | | | |
	Males.	Females.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Females	....	1	1	....	....	....	....	1	....	....	....	....	....	....	....	....
Males	43	....	.....	4	2	4	6	3	4	3	5	5	4	1	2	....
Females.................	....	37	80	2	6	2	5	3	1	3	2	2	7	1	3	....
Males	186	....	.....	14	12	16	13	15	19	14	26	13	15	14	15	....
Females	....	27	213	1	1	2	1	4	1	3	6	2	2	2	2	....
Males	2	....	.....	....	....	....	....	....	....	....	1	....	....	....	1	....
Females.................	....	2	4	....	....	....	....	1	....	....	1	....	....	....	....	....
Males	6	....	.....	....	....	1	....	2	1	....	1	1	....	....	....	....
Females......	....	3	9	....	....	1	....	....	....	....	1	1	....	....	....	....
Males	121	....	.....	12	7	13	12	12	5	7	14	7	9	10	12	1
Females.	....	102	223	11	9	8	5	13	9	6	8	8	9	5	11	....
Males	1	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....
Females......	....	....		....	....	....	....	....	....	....	....	....	....	....	....	....
Males	2	....	.....	....	....	....	....	....	....	....	....	....	1	....	1	....
Females	....	7	9	2	....	1	1	....	....	2	....	....	1	....	....	....
Males	34	....	.....	2	3	3	3	7	2	1	1	2	2	4	3	1
Females	....	30	64	2	6	3	3	1	1	5	2	1	4	1	1	....
Males	79	....	.....	7	10	7	3	8	5	7	5	6	6	6	9	....
Females..................	....	90	169	12	6	11	7	5	7	6	9	7	6	3	10	1
Males	145	....	.....	4	13	13	10	17	8	9	14	19	15	10	13	....
Females	....	110	255	12	14	4	4	13	7	8	12	6	8	9	13	....
Males	72	....	.....	4	2	6	8	4	7	6	9	8	6	6	6	....
Females	....	43	115	1	4	5	6	4	2	2	5	4	3	4	3	....
Males	55	....	.....	5	3	5	11	3	5	3	4	6	3	3	4	....
Females	....	40	95	3	4	3	2	1	5	2	4	3	4	2	7	....
Males	210	....	.....	25	27	28	19	18	18	17	12	11	6	16	9	4
Females	....	182	392	21	23	36	17	14	7	10	5	8	13	14	14	....
Males	52	....	.....	9	2	5	2	2	2	3	13	5	4	2	2	1
Females	....	54	106	6	3	3	8	6	4	2	10	2	4	4	2	....
Males	163	....	.....	11	14	12	17	20	8	19	17	10	11	12	11	1
Females	....	179	342	13	21	13	18	16	16	14	14	14	19	8	9	4
Males	400	....	.....	29	30	42	25	34	24	24	35	50	39	37	31	.....
Females	....	393	793	26	31	40	26	34	18	27	46	38	34	35	26	12
Males	56	....	.....	2	4	7	3	2	4	7	4	6	6	5	4	2
Females	....	5	61	1	1	1	....	....	2	....	....	....	....	....	....	....
Males	1	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....
Females	....	....		....	....	....	....	....	....	....	....	....	....	....	....	....
Males	33	....	.....	5	1	5	2	4	1	1	5	4	3	....	2	....
Females	....	28	61	3	2	2	2	1	4	4	2	2	2	2	1	1
Females	....	123	123	13	14	14	10	6	12	8	9	7	12	6	12	....

Continued.

CAUSES OF DEATH.	Under 1 year.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Over 90.	Unknown.
Abortion	....	....	....	....	1	....	....	....	....	....	....	....	....	....
Abscess	2	2	2	1	2	2	5	7	9	4	4	1	3	1
"	3	3	5	....	1	10	4	2	2	4	1	1	....	1
Accident	11	6	10	17	14	31	16	22	18	18	7	3	4	9
"	1	2	1	5	1	1	1	3	3	2	2	3	1	1
Ague	....	....	....	....	....	....	....	1	....	1	....	....	....	....
"	....	1	....	....	....	....	....	....	1	....	....	....	....	....
Aneurism	....	....	....	....	....	....	....	1	2	1	1	....	....	1
"	....	....	....	....	....	....	....	1	1	1	....	....	....	....
Apoplexy	1	2	4	2	4	3	7	9	20	20	26	15	2	6
"	1	1	2	2	3	6	2	12	16	27	19	7	4	....
Arthritis	....	....	....	....	....	....	....	....	1	....	....	....	....	....
"	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Ascites	....	....	....	....	....	....	....	....	....	2	....	....	....	....
"	....	....	....	....	1	....	2	....	2	1	....	....	....	1
Asthma	2	....	....	1	....	....	1	1	3	9	11	2	....	2
"	3	....	1	....	....	2	1	2	7	6	8	....	....	....
Atrophy and Debility	....	....	1	1	4	4	7	4	14	18	7	10	4	5
" "	3	2	....	2	3	6	11	6	18	15	10	8	4	2
Brain, Disease of	27	24	7	7	4	9	9	13	17	9	11	4	....	4
" "	22	19	7	6	5	8	6	5	7	13	8	1	....	3
Brain, Congestion of	23	14	2	2	5	5	4	4	4	4	4	1	....	....
" "	7	11	3	2	2	4	5	3	1	2	3	....	....	....
Brain, Inflammation of	13	22	4	4	1	3	2	2	1	1	1	....	....	1
" "	11	11	4	4	3	1	2	1	2	1	....	....	....	....
Bronchitis	69	36	6	2	4	4	10	8	13	20	22	12	....	4
"	56	29	6	2	4	6	8	10	11	14	13	8	2	13
Burns and Scalds	2	29	3	1	1	3	1	2	5	2	2	1	....	....
" "	2	20	11	3	4	1	2	2	2	4	....	1	....	2
Cancer	1	1	....	1	3	8	15	19	31	30	32	9	5	8
"	....	1	1	1	4	5	17	31	36	43	23	8	1	8
Cause not specified	78	59	29	13	22	37	29	28	31	34	6	14	6	14
" "	55	49	22	17	32	45	45	32	29	26	6	12	8	15
Calculus (stone and gravel)	1	1	....	1	....	....	....	4	4	15	18	9	2	1
" " "	....	....	....	....	....	1	....	2	1	....	1	....	....	....
Cephalitis	....	....	....	....	1	....	....	....	....	....	....	....	....	....
"	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Cerebro-Spinal Meningitis	5	6	4	2	4	3	1	1	1	1	2	1	....	2
" " "	5	6	3	3	1	4	1	1	2	....	....	....	....	2
Childbirth	....	....	....	....	4	48	47	20	....	....	....	....	....	4

TABLE H.—

SEX	Males	Females	Totals	January	February	March	April	May	June	July	August	September	October	November	December	Unknown
Males	37								1	7	12	9	2	4	1	1
Females		30	67	4	1	1	1		1	7	8	6	1			
Males	237			5	3	4	3	9	8	59	73	39	14	11	8	1
Females		168	405		2	2	2	5	6	44	54	29	12	10	1	1
Males	1			1												
Females		2	3		1								1			
Males	323			41	41	32	19	23	26	28	26	27	18	16	23	3
Females		250	573	33	24	25	25	17	11	19	28	18	14	16	19	1
Males	196			29	27	26	18	11	4	5	6	4	21	23	22	
Females		150	346	23	20	16	16	13	5	8	7	6	10	12	14	
Males	6							1		1		1		2	1	
Females		2	8	1							1					
Males	13		13					2	2	2	2	1	1		1	2
Females																
Males	8			1			1	2					2		2	
Females		2	10									1			1	
Males	26			2	3	3	2	3	5	2	2	1		3		
Females		13	39	1		1	1		1	1	1	2	2	2	1	
Males	362			3	4	5	2	7	9	90	126	81	20	13	1	1
Females		304	666	3	3	3	4	3	9	73	97	77	23	5	3	1
Males	454			53	54	36	23	31	22	21	38	36	61	37	40	2
Females		510	964	58	47	44	30	49	23	23	21	36	51	61	58	9
Males	161			18	13	15	10	13	12	12	9	18	15	13	13	
Females		207	368	13	16	19	27	17	17	16	11	16	18	11	22	4
Males	125			1	4	4	11	7	21	21	18	10	7	6	12	3
Females		34	159	1			5	7	6	2	3	2	3	3	2	
Males	95			1	1	1	4	4	6	10	30	20	13	3	1	1
Females		73	168	1	1	1	1	2	2	9	22	19	10	1	2	2
Females		12	12	1	1			1	2	1	1	1	3	1		
Males	36			1	3	2	3	2	3	8	4		3	3	4	
Females		33	69	3	2	3	1	3	2	5	1	4	2	3	2	2
Males	297			21	16	24	20	23	18	31	36	31	24	32	19	2
Females		200	497	11	11	15	12	20	13	22	27	28	18	7	13	3
Males	30			3	3	2	4	3	4	3	3	1	2	1	1	
Females		25	55	1	4	4	3	4	1	1	1	1	1	1	3	
Males	155			11	19	16	11	15	11	11	17	11	13	5	12	3
Females		148	303	7	12	18	10	18	13	10	14	12	17	8	9	
Males	52			7	6	6	7	3	6	3	4	1	3	4	2	
Females		46	98	6	6	3	9	8	3		2	1	2	3	3	
Males	45			2	6	5	7	2	2	3	2	5	5	5	1	
Females		33	78	2	4	4	2	2	5	4	2	2	3	2	1	

Continued.

CAUSES OF DEATH.	AGES.													
	Under 1 year.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Over 90.	Unknown.
Cholera	10	2	1	1	2	2	3	2	6	2	3	3	....	....
	3	5	1	....	1	2	3	3	2	6	3	1	....	....
Cholera Infantum	178	57	2	....	....	....	....	....	....	....	....	....	....	....
	121	46	1	....	....	....	....	....	....	....	....	....	....	....
Chorea	....	....	....	1	....	....	....	....	....	....	....	....	....	....
	....	....	1	....	....	....	....	1	....	....	....	....	....	....
Convulsions	228	61	10	5	2	4	3	....	4	....	1	....	....	5
	156	54	6	3	4	13	4	4	2	....	2	....	....	2
Croup	68	101	20	5	....	....	....	....	....	....	....	....	....	2
	50	66	25	2	1	....	....	....	....	....	....	....	....	6
Cyanosis	6	....	....	....	....	....	....	....	....	....	....	....	....	....
	2	....	....	....	....	....	....	....	....	....	....	....	....	....
Cystitis	....	....	....	....	....	1	1	....	....	2	7	1	....	1
	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Delirium Tremens	....	....	....	....	....	....	1	4	1	....	....	....	....	2
	....	....	....	....	....	....	1	....	1	....	....	....	....	....
Diabetes	....	....	....	....	3	....	4	4	3	5	4	2	....	1
	....	....	1	2	3	4	....	1	1	1	....	....	....	....
Diarrhœa	231	81	2	....	....	3	2	1	3	14	13	3	1	8
	188	73	4	2	2	2	3	2	3	12	8	3	....	2
Diphtheria	37	208	127	49	12	4	3	1	....	1	1	1	....	10
	39	201	159	60	20	11	4	3	....	....	2	....	....	11
Dropsy	9	3	8	7	4	7	13	13	17	16	46	12	1	5
	4	7	8	5	10	12	15	24	33	34	36	9	1	9
Drowned	2	17	13	12	10	19	21	18	4	4	1	2	1	1
	....	9	8	3	2	6	1	1	1	....	....	1	....	2
Dysentery	34	22	4	1	2	4	5	1	5	3	5	2	1	6
	27	20	2	1	3	3	....	1	4	4	....	3	1	4
Dropsy Ovarian	....	....	....	....	1	4	1	1	....	1	2	....	....	2
Dyspepsia	4	3	1	2	....	2	1	4	8	5	1	3	....	2
	6	....	1	1	1	2	1	4	5	6	4	....	....	2
Enteritis	99	34	16	13	21	14	11	13	17	25	17	4	....	13
	69	20	13	9	8	19	15	9	11	9	12	....	1	5
Epilepsy	3	....	....	1	3	2	12	2	3	1	....	1	....	2
	1	....	....	1	3	8	3	5	....	....	2	1	....	1
Erroneously specified	66	24	3	6	2	7	4	12	4	13	6	1	1	6
	50	18	3	3	7	16	10	7	7	15	5	....	....	7
Erysipelas	13	5	....	3	2	4	2	2	6	8	3	....	....	4
	25	3	2	3	1	1	2	....	2	2	3	1	1	....
Exhaustion	12	1	1	1	1	2	3	6	4	6	4	1	1	2
	8	2	1	1	....	2	2	5	4	....	3	1	2	4

SEX.	DEATHS. Sex. Males.	Females.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Males ..																
Females																
Males	74			2	7	5	2	4	4	3	3	14	15	7	6	2
Females		86	160	7	6	8	2	7	5	3	8	14	14	5	7	
Males	3					1				1		1				
Females		3	6									2	1			
Males	41			3	2	3	2	3	1	10	5	2	5	3	2	
Females		22	63	3	2	1	1	1			4	6	3	1		
Males	351			36	39	56	41	46	25	19	16	9	11	18	25	
Females		366	717	30	49	60	51	52	21	17	19	9	11	23	22	2
Males	253			12	18	14	12	8	6	9	13	37	56	45	21	2
Females		224	477	9	11	11	8	5	4	11	25	34	49	30	24	3
Males	4						1	2						1		
Females		6	10	1		1	2				1	1				
Males	1										1					
Females		1	2											1		
Males	26				4	1	1	1	4	5	5	2	1	2		
Females		11	37		1			2		3	1	1	2	1		
Males	3		3	1		1									1	
Females																
Males	22			2	2		1		1	3	1	1	3	3	5	
Females		24	46	3		1	1	2	2	2	3	3	2	2	3	
Males	395			45	40	42	36	38	27	29	22	28	22	28	34	4
Females		302	697	33	27	29	26	24	29	26	25	19	20	18	26	
Males	62			6	10	5	8	4	4	5	3	4	4	5	4	
Females		63	125	7	3	5	8	5	3	6	5	6	6	5	3	1
Males	10				3	4		1	1	1						
Females		4	14									1	1		2	
Males	17			1	1	1	1			1	4	2	2	2	2	
Females		12	29			1	3	2	1			2		1	1	1
Males	2				1										1	
Females		4	6		1				1		1					1
Males	117			8	12	11	15	8	5	9	11	14	10	7	6	1
Females		80	197	10	8	10	11	3	6	5	5	10	5	4	2	1
Males																
Females																
Males																
Females		1	1							1						
Males	686			33	55	74	50	58	62	77	80	54	53	50	40	
Females		478	1164	27	32	42	36	39	45	57	60	42	30	28	40	
Males	122			12	10	8	17	10	11	9	10	9	7	12	7	
Females		78	200	5	3	7	8	8	5	8	9	6	5	6	8	

Continued.

CAUSES OF DEATH.	Under 1 year.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Over 90.	Unknown.
							AGES.							
Executed.........														
"														
Fever.........	10	9	3	3	4	12	9	4	6	6	3	1		4
"	6	16	13	7	10	10	8	4	3	6	3			
Fever, Infantile.........	2	1												
"	3													
Fever, Remittent.........	6	9	4	4	2	2	1	1	1	4	5	1		1
"	3	6	2	2	1	2	2		1	1	2			
Fever, Scarlet.........	48	159	100	19	10	7	2					1		5
"	42	186	94	22	7	8	3		1					3
Fever, Typhoid.........	2	14	11	19	35	68	33	27	12	13	2	2		15
"	4	13	6	25	27	59	26	28	8	8	2			18
Fever, Typhus.........			1	1				1	1					
"			1	1	1	3								
Fistula.........									1					
"	1													
Fractures and Contusions.........		1	1	3	1	1	5	2	6	2	2	2		
" "		2				1	3			2	2	1		
Frozen.........								1		1	1			
"														
Gastritis.........	1	1	1			1	2	4	4	5	2			1
"	1	4		1		5	3	2	1	2	1	1		3
Heart Disease.........	19	4	5	5	18	20	42	42	46	67	88	15		24
"	10	4	9	8	18	25	32	41	46	51	43	8	1	6
Hemorrhage.........	11	3	2	5	5	5	6	6	5	5	6	1		2
"	14	3	2	1	1	13	15	8	1	1		1		3
Hepatitis.........								1	3	2	3			1
"	1	1						1			1			
Hernia.........	2					1	2	1	2	2	4			3
"	1						1	3	2	1	1			3
Homicide.........	1							1						
"	1					1					1			1
Hydrocephalus.........	59	45	2	1	1		1	1		2		1		4
"	38	32	2	1	1	1								5
Hydrophobia.........														
"														
Ileus.........														
"										1				
Infantile Debility.........	592	93	1											
"	395	83												
Infantile Premature.........	122													
"	78													

TABLE H.—

SEX.	DEATHS. Sex.			MONTHS.												
	Males.	Females.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Males	36			2	9	5	6	3				1	2	3	5	
Females		28	64	2	6	10	4					2	1	2	1	
Males	10			1				4	2	1	1	1				
Females		6	16	1		1	1					1			2	
Males	26			2	1	2	3	5	3	1	1	2	1	2	1	2
Females		7	33				1	2	1				1		2	
Males	4				1		1		1			1				
Females ..		5	9				1		1	3						
Males	31			2	2	2	3	2	5	5	2	2	2	2	1	1
Females		27	58	2	3	2	2	3	1	1	3	3	2	3	2	
Males	4			1		1		1	1							
Females		1	5										1			
Males	78			3	7	3	9	9	8	11	3	3	7	9	5	1
Females		28	106	3	3	1	4	2	2	2	1	1		6	3	
Males	38			2	5	3	1	2	2	4	2	4	6	4	3	
Females		4	42									2		1	1	
Males	14			3	1	5	1			1			1	1	1	
Females		22	36	1	1		3	2		4	4		3	1	3	
Males	96			2	3	7	10	9	9	12	12	7	9	9	7	
Females		72	168	9	9	7	5	4	8	7	3	4	4	6	6	
Males	155			16	12	23	32	15	7	8	2	5	12	10	13	
Females		121	276	11	13	16	16	14	7	11	6	6	7	7	7	
Males	27			2	3	3	3	1	1	2	1	2	1	3	3	2
Females		38	65	5	4	1	2	1	3	4	1	2	6	3	5	1
Males	7				1		1	1			3			1		
Females		7	14	1			2				2		2			
Males	12			1	1			5	1		1	1		1	1	
Females		17	29		1	1	5	3	3	3					1	
Females		117	117	15	22	15	13	17	3	3	5	6	6	4	8	
Males	66			10	3	5	4	6	5	8	6	5	7	6	1	
Females		58	124	8	4	6	6	5	4	3	6	6	3	4	3	
Males	23			2	1	1	1	3	1	7		2	3		1	1
Females		10	33	2	2		2			1				2	1	
Males	22			3	2	1	1	3	4	3	3	1			1	
Females		17	39	1	1	1	2	2	3	3		1	1	1	1	
Males	6			2	3	1										
Females		3	9				1					1	1			
Males	5			1			1			1	1			1		
Females		3	8							1		2				
Males	4						1		1	1	1					
Females		3	7	1			1							1		

Continued.

CAUSES OF DEATH.	Under 1 year.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Over 90.	Unknown.
Influenza	19	5	1		1	4	1	1	1		2	1		
"	13	4	2	1	1	1	1	1				1		3
Insanity				1			2	4	1	1				1
"						2	2	1		1				
Intemperance						2	3	9	4	3	3			2
"							1	3		1				2
Intussusception	2					1		1						
"	1		1			1		1			1			
Jaundice	14	1	1	1	1	1		3	1	5	2			1
"	9	3	1	1	1		4	1	1	1	2	1		1
Joint Disease						2	1			1				
"						1								
Kidney Disease	2	5	1	2	1	2	8	3	9	12	26	3	1	3
"	1	2	2	2	1	5	3	3	2	2	2	1	1	1
Killed by Cars			2	6	2	9	4	6	3	3				3
"						2		1						1
Laryngitis	2	4	4				1	2	1					
"	3	9	3	2	1	2			1		1			
Liver Disease	5	2	2	4	2	4	5	12	19	23	13	1		4
"	4	3	4	4	3	4	6	7	11	21	2	1		2
Lungs, Congestion of	45	28	5	1	7	5	5	12	11	8	16	6		6
"	34	22	2	2	6	9	9	7	4	5	9	8	1	3
Lungs, Disease of	3	2	1	1	2	2	1	2	3	3	5			2
"	2	4	2	1	2	1	6	3	7	7	1			2
Malformation	7													
"	7													
Measles	8	4												
"	2	9	2	2	2									
Metria (Puerperal Fever)						5	54	40	9	1				
" "														8
Meningitis	29	11	8	4	3	1	1	2	1	1	2			3
"	13	18	10	3	3	2	2	1	2	1				3
Mortification	2	2		1		1	1	2	5	3	2	3		1
"	1	1						2		2	2	1		1
Nephria	1	1		1	1	1	1	2	3	2	6	1		2
"		1				3		5	3	3	1			1
Nephritis		1		1		1		2			1			
"		1	1							1				
Neuralgia				1					1		2	1		
"			1						1		1			
Noma (Canker)	2	1					1							
"	2						1							

SEX.	DEATHS. Males.	Females.	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Males	875	....	......	92	69	96	80	75	78	60	59	64	68	57	77	....
Females	....	786	1661	71	70	79	68	76	74	46	60	58	56	63	63	2
Males	31	....	......	3	1	2	2	4	....	2	4	4	3	4	2	....
Females	....	18	49	3	2	1	2	1	1	1	....	2	2	2	1	....
Males .	188	....	......	19	20	23	16	16	10	9	11	15	14	16	19	....
Females	....	167	355	18	14	19	18	19	12	13	11	14	6	11	12	....
Females	....	5	5	....	....	1	....	1	....	1	..	....	....	1	1	....
Males	6	....	......	....	2	1	....	2	....	....	....	....	....	....	1	....
Females	....	3	9	1	....	....	....	1	....	....	....	....	....	....	1	....
Males	67	....	......	4	8	3	5	4	4	6	8	6	6	5	8	....
Females	....	55	122	5	3	4	7	3	7	4	3	4	3	5	5	2
Males	2	....	......	....	....	....	....	1	....	1	....	....	....	....	....	....
Females	....	1	3	....	....	....	....	1	....	....	....	....	....	....	....	....
Males	931	....	......	95	84	90	95	87	67	66	66	66	66	77	68	4
Females	....	1226	2157	103	92	123	127	125	80	108	99	98	85	85	98	3
Males	16	....	......	1	3	3	1	1	1	....	....	2	2	2	....	....
Females	....	11	27	2	1	....	2	1	1	....	3	....	1	....	....	....
Males	601	....	......	64	95	92	94	69	23	19	14	19	25	38	48	1
Females	....	449	1050	57	68	85	74	40	20	15	11	10	19	26	24	....
Males	19	....	......	2	3	1	5	1	1	3	1	....	1	1	....	....
Females	..	10	29	..	....	....	1	1	3	1	2	....	1	....	1	....
Males	2	....	......	....	....	....	....	....	....	....	....	....	....	1	1	....
Females	....	7	9	1	1	....	....	1	2	1	....	....	....	1	....	....
Males	7	....	......	1	1	1	....	....	2	....	1	....	....	1	....	....
Females	....	3	10	1	....	1	....	....	....	....	1	....	....	....	....	....
Males	9	....	......	1	....	....	2	1	1	....	3	....	1	....	....	....
Females	....	9	18	1	....	2	....	1	1	....	1	....	1	2	....	....
Males	6	....	......	1	....	....	1	....	1	1	1	1	....	....	....	....
Females	....	5	11	3	1	....	1	....	....	....	....	....	....	....	1	....
Males	50	....	......	4	5	4	3	5	5	4	4	2	3	4	7	....
Females	....	49	99	5	3	1	6	5	2	2	6	3	4	5	7	....
Males	63	....	......	4	11	9	8	11	5	4	....	2	1	2	6	....
Females	....	78	141	9	4	12	7	12	4	2	2	1	4	8	13	....
Males	12	....	......	....	1	....	1	1	....	1	1	....	1	4	1	1
Females	....	3	15	1	....	....	....	1	....	....	1	....	....	....	....	....
Males	8	....	......	1	....	....	5	....	1	....	....	....	....	....	1	....
Females	....	3	11	....	....	....	....	....	....	....	....	1	....	1	1	....
Males	33	....	......	2	1	1	6	4	2	1	7	2	....	6	1	....
Females	....	12	45	....	....	1	....	....	....	2	2	3	1	1	2	....
Males	7	....	......	1	1	....	....	1	..	1	1	....	1	1	....	....
Females	....	12	19	1	....	....	2	2	2	1	2	1	....	1	....	....

Continued.

CAUSES OF DEATH.	Under 1 year.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Over 90.	Unknown.
								AGES.						
Old Age.....................										79	299	367	122	8
"									1	87	295	313	82	8
Other Diseases..................	1			4	1	2	1	6	4	3	4			5
"	2	2	1	2	1	5	1		1	1	1			1
Paralysis	2	4			1	5	12	10	26	40	54	27	2	5
"	1	2	2		1	5	8	9	24	36	56	16	3	4
Paramenia					1	1		2	1					
Pericarditis			3	1			1			1				
"			1			1				1				
Peritonitis..................	10	1	5	7	7	14	4	4	6	6				3
"	2	4	2	5	4	14	5	7	4	4				4
Phlegmon							1			1				
"								1						
Phthisis or Consumption	31	21	12	24	69	288	154	119	84	68	30	3		28
"	14	27	24	40	153	396	242	126	92	47	13	7		45
Pleurisy..................				1	2	2	3	1	3	1	3			
"		1					1		3	1	4			
Pneumonia	152	98	21	10	17	39	45	47	44	60	39	6	1	22
"	97	73	21	9	18	35	40	39	22	46	29	3		17
Poisoned		2				2	4	2	5	2	2			
"		2	1	1	2	1	1	1			1			
Privation							1		1					
"	2						2	1		1				1
Purpura and Scurvy	3		2	1						1				
"	3													
Pyaemia..................	2						1	2	1	1				2
"	1	1				2	2	2	1					
Quinsy	1		3	1			1							
"		2	1	1	1									
Rheumatism..................	1	1	2	6	4	5	5	6	5	10	4			1
"		1	1	6	3	4	4	4	7	10	6	1	1	1
Scarlatina	8	34	16	2	1	2								
"	9	46	18	3	1									1
Scrofula..................		4	1		1		1	3						2
"	1	2												
Skin Disease..................	5	1	1							1				
"	2	1												
Small Pox..................	1	6	5	3	5	9	2							2
"	1	2	3		2		1	2						1
Spinal Bifida	6	1												
"	11	1												

TABLE H.—

SEX.	DEATHS. Males.	Females	Totals.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Unknown.
Males	39			2	4	4	4	5	3	5	2	3	2	2	2	1
Females		40	79	4	3	4	5	2	7	2	4	3	1	1	3	1
Males	1										1					
Females		1	2												1	
Males																
Females		2	2					1							1	
Males	6		6	1		1		1					2			1
Females																
Males	102			13	11	13	4	6	6	11	7	10	4	8	9	
Females		88	190	4	7	11	3	6	6	7	4	12	14	5	9	
Males	17			3	1	2	2	1	2	1		1		3	1	
Females		18	35		2	1	5	2		1		2	1	2	2	
Males	17			5	1	3	1	1	2		1	1		1	1	
Females		13	30	3	2	2	1	2				2		1		
Males	42			2	5	2	2	7	4	6	1	5	2	1	5	
Females		13	55	1	2	1		1	1	2	2		2		1	
Males	3								2		1					
Females		4	7						1	2		1				
Males	7						1	1		1		1	1	1	1	
Females		4	11						2			1		1		
Males	11				1				2		2	2	3	1		
Females		5	16	1				1			1		2			
Males	64			3	2	2	4	2	4	12	12	11	2	4	6	
Females		56	120	3	4	2	2	2	4	6	16	10	4	2	1	
Males	10					1	1	2	1		3	1		1		
Females		2	12					1							1	
Males	18				2	2	1	1	1	1	5	1	1	2	1	
Females		17	35		3		1	2		5	1	3		2		
Males	20			2	2	4	1	3	1	1	1	1	1	2	1	
Females		31	51	1		4	1		6	2	3	3	5	3	3	
Males	13			1	1		2	1	1	1			1	1	3	1
Females		7	20	1	1		2			1		1	1			
Males	15				2	1	1	2	3	2	1	2			1	
Females		16	31		3	1	1	1		1	2	2	2	2		1
Females		23	23		3	6	1	1	2	2	1	3	1	2	1	
Males																
Females																
Males	86			8	8	9	8	15	3	3	14	7	4	2	4	1
Females		126	212	19	6	6	13	11	6	12	15	8	13	7	10	
Males	11			2			3		1	1	2	1			1	
Females		10	21			2			1	2			1	3		1
Males	15				1	1		1	3	3		1	2	2		1
Females		5	20	1							2		1		1	

Concluded.

CAUSES OF DEATH.	Under 1 year.	1 to 5.	5 to 10.	10 to 15.	15 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	Over 90.	Unknown.
Spinal Disease	9	5	2	1	3	2	2	4	3	3	3	1		1
"	8	3	5	3	2	3	4	3	2	2	1	1		3
Spleen Disease						1								
"								1						
Stricture of Intestines														
" "								1	1					
Stricture of Urethra									1	2				3
" "														
Still-born	102													
"	88													
Sudden (cause not known)	1				1	2	5		5	3				
" "	1				1	4	2	1	3	4		1		1
Suffocation	7	3		1					2	1	1	2		
"	9	1				1						1		1
Suicide						2	5	10	5	7	10	1		
"						1	3	4	3	1	1			2
Sunstroke		3												
"		2			1			1						
Syphilis	3	1					2		1					
"	1	1					1		1					
Tabes Mesenterica	6	4	1											
"		3								1	1			
Teething	43	21												
"	26	30												
Tetanus			3	1			1	2	2					1
"	1	1												
Thrush	15	2			1									
"	12	2	2		1									
Tumour	1	2		1		4	1	2	1	3	4			1
"	1				1	2	7	6	6	5	2			1
Ulcer	2	1				3			3	2		1		1
"		2			1	3	1	1		2				
Ulceration of Intestines	1	2				1		2	4	3	2			
" "	2					1		3	2	4	1	1		2
Uterus, Disease of					2	3	4	6	6	1				1
Violent Deaths														
"														
Whooping Cough	56	24	1	1										4
"	79	44	2	1										
Worms	1	9	1											
"	1	1		1	3	1			1					2
Wounds			2	2	6	1			1					3
"		1				1	3							

TABLE I.—CAUSES OF DEATH

COUNTIES.	Sex.	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Quinsy.	Croup.	Whooping Cough.	Infantile Fever.	Erysipelas.	Metria (Puerperal Fever).	Influenza.
						MIASMATIC.						
Algoma	Male	....	1	....	2	....	2	1	....	3	....	....
	Female	....	2	....	1	....	2	....	....	1	1	....
	Total	....	3	....	3	....	4	1	....	4	1	....
Brant	Male	2	1	.....	8	....	3	....	....	3	....	....
	Female	1	1	....	6	....	1	1	....	2	1	....
	Total	3	2	....	14	....	4	1	....	5	1	....
Bruce	Male	....	1	1	4	....	9	....	....	3	....	....
	Female	....	1	....	8	....	3	2	....	1	3	....
	Total	....	2	1	12	....	12	2	....	4	3	...
Carleton	Male	....	1	1	6	....	12	....	....	1	....	....
	Female	....	3	4	7	....	6	2	....	1	3	1
	Total	....	4	5	13	....	18	2	....	2	3	1
Elgin	Male	1	....	....	13	1	3	2	1	4	....	....
	Female	....	....	....	17	....	2	1	.....	....	2	....
	Total	1	....	....	30	1	5	3	1	4	2	....
Essex	Male	10	....	....	9	....	4	1	....	1	....	....
	Female	4	....	....	20	....	....	4	.....	....	2	....
	Total	14	....	....	29	....	4	5	....	1	2	....
Frontenac	Male	.....	....	1	26	....	3	1	....	.....	....	....
	Female	....	....	....	13	....	2	....	....	.....	4	....
	Total	....	....	1	39	....	5	1	....	.....	4	....
Grey	Male	....	....	....	27	....	5	....	1	1	....	1
	Female	....	....	....	29	....	5	4	....	1	4	1
	Total	....	....	....	56	....	10	4	1	2	4	2
Haldimand	Male	....	....	1	2	....	2	....	....	....	....	....
	Female	....	....	2	1	....	....	....	....	....	1	....
	Total	.....	....	3	3	....	2	...	....	....	1	...

BY COUNTIES.

	Miasmatic									Tubercular				Nervous System			
Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Ague.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Scrofula.	Tabes Mesenterica.	Phthisis (Consumption of Lungs).	Hydrocephalus.	Cephalitis.	Cerebro-Spinal Meningitis.	Apoplexy.	Paralysis.
1	2	....	....	....	2	4	....	....	....	....	....	8	....	....	1	1	1
....	2	....	....	....	....	1	....	....	....	....	....	3	....	....	1	.. ...	1
1	4	....	....	....	2	5	....	....	....	....	....	11	....	....	2	1	2
2	12	3	....	....	4	10	2	3	4	....	1	33	1	....	3	2	6
2	6	5	1	....	....	4	....	....	3	....	....	30	....	....	2	1	4
4	18	8	1	....	4	14	2	3	7	....	1	63	1	....	5	3	10
2	4	7	4	....	3	6	2	....	4	1	....	29	5	....	1	2	5
2	6	3	3	....	....	5	1	....	1	....	....	37	3	....	2	3	5
4	10	10	7	....	3	11	3	....	5	1	....	66	8	....	3	5	10
2	11	1	....	....	6	8	1	....	8	....	....	36	2	....	2	4	4
2	13	5	....	....	....	2	1	2	15	....	....	45	3	....	2	2	4
4	24	6	....	....	6	10	2	2	23	....	....	81	5	....	4	6	8
2	10	4	....	1	....	4	....	2	3	....	....	16	1	....	3	2	3
3	8	4	....	....	....	4	....	3	2	....	....	23	2	....	2	2	4
5	18	8	....	1	....	8	....	5	5	....	....	39	3	....	5	4	7
2	9	8	....	....	....	10	1	3	3	....	....	27	1	....	2	3	1
2	5	6	....	1	3	5	1	1	2	....	....	21	5	....	2	....	9
4	14	14	....	1	3	15	2	4	5	....	....	48	6	....	4	3	10
....	1	4	....	....	....	6	....	....	3	....	....	8	2	....	....	1	2
....	1	....	....	....	....	1	1	....	2	....	....	12	....	....	....	2	4
....	2	4	....	....	....	7	1	....	5	....	....	20	2	....	....	3	6
4	5	9	3	....	....	3	7	....	2	....	....	11	2	....	....	2	9
2	6	5	....	....	....	4	1	1	5	....	....	20	1	....	1	....	7
6	11	14	3	....	....	7	8	1	7	....	....	31	3	....	1	2	16
....	4	1	....	....	....	3	1	1	1	....	....	12	2	....	....	1	3
1	3	3	....	....	....	3	1	....	....	....	....	19	1	....	....	3	....
1	7	4	....	....	....	6	2	1	1	....	....	31	3	....	....	4	3

TABLE I.—CAUSES OF DEATH

COUNTIES.	SEX.	NERVOUS SYSTEM.									
		Insanity.	Chorea.	Epilepsy.	Tetanus.	Convulsions.	Brain Disease.	Spinal Disease.	Meningitis.	Congestion of Brain.	Inflammation of Brain.
Algoma	Male...	1				1	1				1
	Female.					1	1		1		
	Total..	1				2	2		1		1
Brant	Male...	1		1		9	4	1	3		
	Female.	1		1		6	3	1	3		
	Total..	2		2		15	7	2	6		
Bruce	Male. .			1		12	4		1	2	
	Female.			1		9	4	1	3		1
	Total..			2		21	8	1	4	2	1
Carleton	Male...	1		1		7	3			1	4
	Female.			2		3	4	1	2		
	Total ..	1		3		10	7	1	2	1	4
Elgin	Male...	1		1		6	2	1	1	1	1
	Female.			2		4	2		2		
	Total..	1		3		10	4	1	3	1	1
Essex	Male...			1		5	4	1		1	
	Female.			1	1	3	2	1	3		
	Total..			2	1	8	6	2	3	1	
Frontenac	Male...					5	1	1		1	
	Female.					2	2	1			
	Total..					7	3	2		1	
Grey .	Male...	1				6	1	1			1
	Female.			1		5			1		1
	Total..	1		1		11	1	1	1		2
Haldimand	Male...					2	3	1			1
	Female.					8					1
	Total..					10	3	1			2

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BY COUNTIES.—*Continued.*

	Respiratory Organs						Developmental Diseases of Children							Dev. Dis. of Women		Dev. Dis. of Old People			
Laryngitis	Bronchitis	Pleurisy	Pneumonia	Asthma	Lung Disease	Congestion of Lungs	Still-Born	Infantile Premature	Cyanosis	Spina Bifida	Other Malformations	Teething	Infantile Debility	Paramenia	Childbirth	Old Age	Total	Other Diseases and cause not given	Grand Total
	1			1			1	1				1	4			4	46	26	72
1	1				1						1		4		2	2	30	31	61
1	2			1	1		1	1			1	1	8		2	6	76	57	133
	4		9	2	2	3	2	4		1	1	1	3			24	178	40	218
4	2		12	1		3		4			1		11		2	14	140	39	179
4	6		21	3	2	6	2	8		1	2	1	14		2	38	318	79	397
	4	1	13	2	1		2	4			1	2	17			19	179	48	227
3	4		14	2	2	4	1	3		1		2	11		2	16	174	18	192
3	8	1	27	4	3	4	3	7		1	1	4	28		2	35	353	66	419
	4	1	11				2	3		1		3	19			31	198	58	256
3	6		3	1		3		3			1	2	17		2	22	199	50	249
3	10	1	14	1		3	2	6		1	1	5	36		2	53	397	108	505
	6	1	11	3	1		1	3					14			19	149	38	187
2	5		4		1	2	1	2		1			11		2	23	144	22	166
2	11	1	15	3	2	2	2	5		1			25		2	42	293	60	353
1	2		19			2	1	3				1	17			19	172	73	245
	1		11		2		1	1		1		4	17		2	22	167	66	233
1	3		30		2	2	2	4		1		5	34		2	41	339	139	478
	2		3	3	1	1						1	9			17	103	137	240
	1		4		1	1							6		2	15	77	132	209
	3		7	3	2	2						1	15		2	32	180	269	449
	10		11			1	1	1				2	10			27	165	90	255
1	5	1	10		1	1	1					1	12		2	20	160	51	211
1	15	1	21		1	2	2	1				3	22		2	47	325	141	466
	2		9		1	2		1					4			10	70	32	102
	2		6			3							7		2	12	79	22	101
	4		15		1	5		1					11		2	22	149	54	203

TABLE I.—CAUSES OF DEATH

COUNTIES.	SEX.	MIASMATIC.										
		Small Pox.	Measles.	Scarlatina.	Diphtheria.	Quinsy.	Croup.	Whooping Cough.	Infantile Fever.	Erysipelas.	Metria (Puerperal Fever).	Influenza.
Halton	Male	....	....	...	4	....	4	2	....	3	......	1
	Female	....	....	....	4	..	1	4	....	....	4	....
	Total	....	....	....	8	....	5	6	....	3	4	1
Hastings	Male	....	....	....	20	1	8	6	1	1	......	2
	Female	....	....	....	23	....	5	7	....	1	......	2
	Total	....	....	....	43	1	13	13	1	2	......	4
Huron	Male	....	....	....	12	....	10	4	....	1	......	1
	Female	....	....	....	17	....	8	8	....	2	7	1
	Total	....	....	....	29	....	18	12	....	3	7	2
Kent	Male	....	1	....	21	....	7	....	....	1	......	....
	Female	....	....	....	16	....	3	....	....	....	1	2
	Total	....	1	....	37	....	10	....	....	1	1	2
Lambton	Male	....	....	....	5	1	3	1	....	1	......	....
	Female	....	....	1	8	....	5	1	....	....	4	1
	Total	....	....	1	13	1	8	2	....	1	4	1
Lanark	Male	....	....	....	12	....	1	1	....	....	......	2
	Female	....	....	1	10	....	....	1	....	....	2	....
	Total	....	....	1	22	....	1	2	....	....	2	2
Leeds and Grenville	Male	....	....	1	20	....	6	1	....	....	....	1
	Female	....	....	....	18	....	4	4	....	2	1	1
	Total	....	....	1	38	....	10	5	....	2	1	2
Lennox and Addington	Male	....	1	....	14	1	5	2	....	2	......	2
	Female	....	....	3	17	....	2	2	....	2	......	2
	Total	....	1	3	31	1	7	4	....	4	......	4
Lincoln	Male	....	2	3	4	....	4	1	....	1	......	....
	Female	....	1	1	2	....	1	1	....	3	4	....
	Total	....	3	4	6	....	5	2	....	4	4	....

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BY COUNTIES.—*Continued.*

	MIASMATIC.									TUBERCULAR.				NERVOUS SYSTEM.			
Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Ague.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Scrofula.	Tabes Mesenterica.	Phthisis (Consumption of Lungs.)	Hydrocephalus.	Cephalitis.	Cerebro-Spinal Meningitis.	Apoplexy.	Paralysis.
4	9	4	....	....	....	3	....	....	6	1	......	18	1	......	......	3	5
2	5	2	....	....	....	7	1	....	4	......	......	33	1	......	......	4	3
6	14	6	....	....	....	10	1	....	10	1	......	51	2	......	......	7	8
4	7	2	....	....	....	6	2	2	2	......	......	33	6	......	......	1	4
....	3	5	....	....	....	4	3	2	1	......	......	48	2	......	......	2	2
4	10	7	....	....	....	10	5	4	3	......	......	81	8	......	......	3	6
5	13	7	2	1	2	11	....	3	5	......	......	23	2	......	3	5	4
5	13	6	1	....	4	20	4	2	3	......	......	31	3	......	2	6	6
10	26	13	3	1	6	31	4	5	8	......	......	54	5	......	5	11	10
2	12	3	....	....	1	4	....	3	......	1	......	15	3	......	......	2	2
1	4	....	1	....	5	1	....	6	2	......	......	24	3	......	......	1	4
3	16	3	1	....	6	5	....	9	2	1	......	39	6	......	......	3	6
7	9	4	....	....	....	6	....	6	4	......	......	16	......	......	3	7	4
5	10	4	....	....	....	3	2	3	3	......	......	27	1	......	.	5	4
12	19	8	....	....	....	9	2	9	7	......	......	43	1	......	3	12	8
....	1	4	....	....	....	4	2	....	9	......	1	11	2	......	......	1	3
....	3	3	1	....	....	....	3	....	9	......	....	20	3	......	......	2	1
....	4	7	1	....	....	4	5	....	18	......	1	31	5	......	......	3	4
3	9	7	....	....	....	4	2	2	5	......	......	32	4	......	3	1	6
2	3	6	1	....	....	5	3	1	1	......	......	62	3	......	......	5	5
5	12	13	1	....	....	9	5	3	6	......	......	94	7	......	3	6	11
....	2	4	....	....	....	2	2	....	4	1	......	15	3	......	......	2	1
....	2	....	3	....	....	2	3	....	2	......	......	21	......	......	......	4	5
....	4	4	3	....	....	4	5	....	6	1	......	36	3	......	......	6	6
1	6	4	2	..	....	13	3	5	4	1	2	32	2	......	......	3	3
1	6	3	....	....	....	7	2	....	12	......	......	33	1	......	......	5	5
2	12	7	2	....	....	20	5	5	16	1	2	65	3	......	......	8	8

TADLE I.—CAUSES OF DEATH

COUNTIES.	Sex.	NERVOUS SYSTEM.									
		Insanity.	Chorea.	Epilepsy.	Tetanus.	Convulsions.	Brain Disease.	Spinal Disease.	Meningitis.	Congestion of Brain.	Inflammation of Brain.
Halton	Male...	......	......	1	....	5	2	2	1	....	1
	Female.	1	......	1	....	....	1	....	2	....	1
	Total. .	1	......	2	....	5	3	2	3	....	2
Hastings	Male...	1	......	1	....	10	4	1	1	4	2
	Female.	......	......	......	....	7	2	....	1	1	1
	Total. .	1	......	1	....	17	6	1	2	5	3
Huron	Male...	1	......	1	....	7	2	....	2	1	1
	Female.	......	......	......	....	7	4	1	....	1	1
	Total. .	1	......	1	....	14	6	1	2	2	2
Kent	Male...	......	......	......	....	12	....	....	3	1	1
	Female.	......	......	......	....	7	....	2	....	1	....
	Total. .	......	......	......	....	19	....	2	3	2	1
Lambton	Male...	......	......	2	3	5	3	....	5	2	1
	Female.	......	......	......	....	3	....	....	....	1	2
	Total. .	......	......	2	3	8	3	....	5	3	3
Lanark	Male...	......	......	1	....	2	2	....	3	....	....
	Female.	......	......	......	....	3	1	1	1	....	1
	Total. .	....	......	1	....	5	3	1	4	....	1
Leeds and Grenville	Male...	1	......	1	....	8	5	2	2	1	....
	Female.	1	......	......	.. .	8	3	1	...	2	1
	Total..	2	......	1	....	16	8	3	2	3	1
Lennox and Addington	Male...	......				3	....	....	....	....	....
	Female.	......				....	....	....	....	....	....
	Total. ,	......				3	....	....	....	....	....
Lincoln	Male...	......	......	......	1	7	3	2	2	1	1
	Female	......	......	......	....	9	4	....	....	4	....
	Tota	......	......	......	1	16	7	2	2	5	1

BY COUNTIES.—*Continued.*

Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Still-Born.	Infantile Premature.	Cyanosis.	Spina Bifida.	Other Malformations.	Teething.	Infantile Debility.	Paramenia.	Childbirth.	Old Age.	Total.	Other Diseases and cause not given.	Grand Total.
	5	1	11	3		4	1	4				1	4			16	130	28	158
	5	2	6					4		1	1	2	2		4	7	115	24	139
	10	3	17	3		4	1	8		1	1	3	6		4	23	245	52	297
	2		15		1	4	2	2		1		5	14			29	207	118	325
	1		10		2	6	3	1		1		6	9		7	32	200	96	296
	3		25		3	10	5	8		2		11	23		7	61	407	214	621
	1		25			2	2	2				6	15			26	208	110	318
1	9		15		1	5	2	3			1	2	11		5	26	244	64	308
1	10		40		1	7	4	5			1	8	26		5	52	452	174	626
		1	21		1	6	2			1		1	16			35	179	64	243
	5		11		2	6	2	2				2	8		2	15	139	78	217
	5	1	32		3	12	4	2		1		3	24		2	50	318	142	460
	3	1	19		1	2	3	2				1	12			19	161	63	224
	6		16		1		4					1	10		5	13	149	54	203
	9	1	35		2	2	7	2				2	22		5	32	310	117	427
1	10		15				1	4					13			17	123	44	167
4	2		14			1				2			8		2	15	114	34	148
5	12		29			1	1	4		2			21		2	32	237	78	315
	4		19			4	1	3				3	20			32	213	78	291
	1		14	1	1	5	1	3				2	12		6	29	218	67	285
	5		33	1	1	9	2	6				5	32		6	61	431	145	576
	2		4	1		2	1	1					15			20	112	44	156
	1		4										12		5	16	108	34	142
	3		8	1		2	1	1					27		5	36	220	78	298
	5		21			1	2	2				3	12			13	172	76	248
	7		14	4	1	4	4	1					11		1	13	165	54	219
	12		35	4	1	5	6	3				3	23		1	26	337	130	467

TABLE I.—CAUSES OF DEATH

COUNTIES.	SEX.	MIASMATIC.										
		Small Pox.	Measles.	Scarlatina.	Diphtheria.	Quinsy.	Croup.	Whooping Cough.	Infantile Fever.	Erysipelas.	Metria (Puerperal Fever).	Influenza.
Middlesex	Male ...	....	....	1	9	....	3	9	.. .	1	......	....
	Female.	....	....	1	10	....	3	10	....	1	8	....
	Total ..	....	....	2	19	....	6	19	....	2	8	....
Muskoka	Male ...	....	....	1	4	....	2	3	....	....	......	....
	Female.	....	....	3	4	....	2	1	....	2	......	1
	Total ..	....	....	4	8	....	4	4	....	2	......	1
Norfolk	Male ...	....	....	2	31	....	2	1	....	....	......	....
	Female.	....	....	2	27	....	5	....	....	1	2	1
	Total ..	....	....	4	58	....	7	1	....	1	2	1
Northumberland and Durham	Male ...	....	....	2	21	....	5	4	....	1	......	1
	F_male.	....	....	2	20	....	1	9	....	1	3	....
	Total ..	....	....	4	41	....	6	13	....	2	3	1
Ontario	Male ...	....	....	1	10	....	5	3	....	1	......	3
	Female.	....	....	2	19	....	6	1	....	4	4	1
	Total .	....	....	3	29	....	11	4	....	5	4	4
Oxford	Male ...	1	....	1	14	....	9	2	....	1	......	....
	Female.	....	....	....	26	....	...	4	....	1	2	....
	Total ..	1	....	1	40	....	9	6	....	2	2	....
Parry Sound...........................	Male ...	....	....	....	3	....	....	....	....	2	......	....
	Female.	....	....	....	6	....	2	1	....	1	......	....
	Total ..	....	....	....	9	....	2	1	....	3	......	....
Peel	Male ...	2	....	3	10	....	1	2	....	1	......	1
	Female.	....	....	....	5	....	1	4	....	1	2	2
	Total ..	2	....	3	15	....	2	6	....	2	2	3
Perth..............................	Male ...	....	1	4	15	....	2	....	....	....	......	....
	Fema'e.	....	....	3	15	....	7	1	....	....	5	....
	Total ..	....	1	7	30	....	9	1	....	....	5	....

BY COUNTIES.—*Continued.*

	MIASMATIC.									TUBERCULAR.				NERVOUS SYSTEM.			
Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Ague.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Scrofula.	Tabes Mesenterica.	Phthisis (Consumption of Lungs).	Hydrocephalus.	Cephalitis.	Cerebro-Spinal Meningitis.	Apoplexy.	Paralysis.
4	35	8	3			16	1	5	2		1	53	6		1	9	16
3	19	6			2	20	1	6	6			63	7			3	6
7	54	14	3		2	36	2	11	8		1	116	13		1	12	22
2	4	6				4			1	1		8	1		1	1	1
1	1	1	3			1			6			6					
3	5	7	3			5			7	1		14	1		1	1	1
1	5	7	2			6	1	5	8			11				2	7
2	6	3	3			4	1	4	14			15	2		3	1	3
3	11	10	5			10	2	9	22			26	2		3	3	10
3	14	9	2	.		11	5		17	1		37	4			7	12
3	20	2	3			5	2	4	18			47	5			4	8
6	34	11	5			16	7	4	35	1		84	9			11	20
1	11	5				11	1	1	9			31	5			4	4
3	8	1			2	8	2	2	7	1	1	35	3		3	1	3
4	19	6			2	19	3	3	16	1	1	66	8		3	5	7
3	12	10	1			2		3	6	1		24	5		1	1	9
2	8	7				10		2	4			33			1	4	9
5	20	17	1			12		5	10	· 1		57	5		2	5	18
1	2								2		1	4	1				3
1		1										4					
2	2	1							2		1	8	1				3
2	2	2				1		1	19			14	4				6
2	2	2				3			20		1	16	1				2
4	4	4				4		1	39		1	30	5				8
3	9	6	1		1	15		2	9			20	4			3	2
4	4	7			2	8		2	9			28	3			1	3
7	13	13	1		3	23		4	18			48	7			4	5

TABLE I.—CAUSES OF DEATH

COUNTIES.	Sex.	NERVOUS SYSTEM.									
		Insanity.	Chorea.	Epilepsy.	Tetanus.	Convulsions.	Brain Disease.	Spinal Disease.	Meningitis.	Congestion of Brain.	Inflammation of Brain.
Middlesex	Male...	......	......	2	....	22	18	3	2	4	....
	Female.	......	......	3	....	9	9	1	1	2	2
	Total..	.. ....	......	5	....	31	27	4	3	6	2
Muskoka	Male...	......	......	....	....	10	4	2	.....	4	2
	Female.	. ....	......	....	....	5	....	2	....	5	1
	Total..	......	......	....	....	15	4	4	....	9	3
Norfolk	Male...	......	......	1	....	11	3	.....	....	1	2
	Female.	......	......	1	....	11	1	2	1	1	3
	Total..	......	......	2	....	22	4	2	1	2	5
Northumberland and Durham	Male...	......	......	2	....	13	4	4	2	2	2
	Female.	1	......	....	....	4	3	5	5	2	1
	Total..	1	......	2	....	17	7	9	7	4	3
Ontario	Male...	......	......	1	....	7	7	1	4	3	1
	Female.	......	......	....	....	2	2	2	2	1	1
	Total..	......	......	1	....	9	9	3	6	4	2
Oxford	Male...	......	......	1	1	11	3	6	1	1	2
	Female.	......	......	1	....	7	5	3	1	....	1
	Total..	......	......	2	1	18	8	9	2	1	3
Parry Sound	Male...	......	......	....	....	2	....	....	....	....	....
	Female.	.....	......	1	1	1	....	....	....	....	....
	Total..	......	......	1	1	3	....	....	....	....	....
Peel	Male...	......	......	....	....	4	1	1	....	2	....
	Female.	......	......	....	....	3	....	....	2	1	1
	Total..	......	......	....	....	7	1	1	2	3	1
Perth	Male...	. ....	......	1	....	8	2	....	....	1	3
	Female.	......	......	....	....	8	4	....	2	1	2
	Total..	......	......	1	....	16	6	....	2	2	5

BY COUNTIES.—*Continued.*

	Respiratory Organs.						Developmental Diseases of Children.							Developmental Diseases of Women.		Developmental Diseases of Old People.			
Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Still-Born.	Infantile Premature.	Cyanosis.	Spina Bifida.	Other Malformations.	Teething.	Infantile Debility.	Paramenia.	Childbirth.	Old Age.	Total.	Other Diseases and cause not given.	Grand Total.
	9	1	38	1	1	12	8	12			2	1	33			49	399	174	573
	9	1	22	3	1	9	8	6		2		2	18		6	34	323	148	471
	18	2	60	4	2	21	16	18		2		3	51		6	83	722	322	1044
	1		7		1	5	3	6					11			5	101	32	133
			2			3	4	5				2	6		3	1	71	9	80
	1		9		1	8	7	11				2	17		3	6	172	41	213
5			13			3	3				1		12			15	156	38	194
	2		9		3	3	3	6			1		3			10	156	30	186
5	2		22		3	6	6	6			2		15			25	312	68	380
1	1		39		2	12		2				1	13			35	291	64	355
	9		25	1		6	2	1					16		8	35	281	57	338
1	10		64	1	2	18	2	3				1	29		8	70	572	121	693
	7		19		1	2	1						24			30	214	92	306
	2		15		1	2	1	3					9		4	29	193	62	255
	9		34		2	4	2	3					33		4	59	407	154	561
1	8		26	1		2		4			1	1	15			20	211	67	278
	6	1	25	2	1	3	2	1	1			2	7			24	206	60	266
1	14	1	51	3	1	5	2	5	1		1	3	22			44	417	127	544
			2						1				3			1	28	55	83
	1							1					4				25	40	65
	1		2					1	1				7			1	53	95	148
	4		8			2	1			1		1	10			22	128	47	175
	2		10	2	1	2	2		1			1	10		1	10	113	36	149
	6		18	2	1	4	3	1		1		2	20		1	32	241	83	324
	6		20	3		4	1					1	17			23	187	63	250
	2	1	10		1	2	2					3	7		5	24	176	51	227
	8	1	30	3	1	6	3					4	24		5	47	363	114	477

TABLE I.—CAUSES OF DEATH

COUNTIES.	Sex.	Small Pox.	Measles.	Scarlatina.	Diphtheria.	Quinsy.	Croup.	Whooping Cough.	Infantile Fever.	Erysipelas.	Metria (Puerperal Fever).	Influenza.
					MIASMATIC.							
Peterborough	Male				8		4			1		2
	Female				7		4	4			2	
	Total				15		8	4		1	2	2
Prescott and Russell	Male	3		9	8		12	3				1
	Female	2		11	11	1	14	1		1	1	1
	Total	5		20	19	1	26	4		1	1	2
Prince Edward	Male							3				
	Female				1			2			1	1
	Total				1			5			1	1
Renfrew	Male			3	7		3	5		2		2
	Female			3	8		6	10		1	2	1
	Total			6	15		9	15		3	2	3
Simcoe	Male	1		2	16		8	3		2		1
	Female	1		2	26		3	4		3	3	1
	Total	2		4	42		11	7		5	3	2
Stormont, Dundas and Glengarry	Male	8		4	23	1	7	6		1		3
	Female	4	1	6	27	1	5	3	1	1	4	
	Total	12	1	10	50	2	12	9	1	2	4	3
Thunder Bay	Male				1			1		1		3
	Female				4			2	1		2	
	Total				5			3	1	1	2	3
Victoria	Male				1	1		4		2		1
	Female				2		4	4	8	1		1
	Total			3		1	4	12		3		2
Waterloo	Male		1	2	9		4	1		2		2
	Female			2	10		8	4	2		4	2
	Total		1	4	19		12	5	2	2	4	4

BY COUNTIES.—*Continued.*

	MIASMATIC.									TUBERCULAR.				NERVOUS SYSTEM.			
Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Ague.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Scrofula.	Tabes Mesenterica.	Phthisis. (Consumption of Lungs).	Hydrocephalus.	Cephalitis.	Cerebro-Spinal Meningitis.	Apoplexy.	Paralysis.
1	10	3	2			2	1	1	2			14	3			1	6
4	7	3				2	1					15	1			1	6
5	17	6	2			4	2	1	2			29	4	—		2	12
1	1	3			6	2		4	18			6					
1	1	2			3	1	1	9	20			31				1	4
2	2	5			9	3	1	13	38			37				1	4
	2	3	2			1	1	2	10			15				4	2
1	3	1				2		2	6			16	3			1	5
1	5	4	2			3	1	4	16			31	3			5	7
1	4	2	2			3		1	26			6	4			2	4
	2						1	3	20			9	1			2	4
1	6	2	2			3	1	4	46			15	5			4	8
7	11	3	2		6	2	2	3	16			15	6		2	3	7
2	10	2				7	3	6	23			35	2			3	3
9	21	5	2		6	9	5	9	39			50	8		2	6	10
2	5	1			1	4	1	2	11			39	4		1	1	6
	11	7	1	1		5	2	2	20		1	44	1			4	5
2	16	8	1	1	1	9	3	4	31		1	83	5		1	5	11
2	2	7				2		1				5					
1		1					1					6				1	
3	2	8				2	1	1				11				1	
2	1	1	2		2	4		1	2			23	4		1	3	1
1	7	2				5		3	4			24	1		1	1	4
3	8	3	2		2	9		4	6			47	5		2	4	5
3	7	9	2			9	2	4	10	1		17	6		1	5	7
3	8	5				6	2	3	11			27	2		1	4	4
6	15	1	2			15	4	7	21	1		44	8		2	9	11

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TABLE I.—CAUSES OF DEATH

COUNTIES	Sex	Insanity	Chorea	Epilepsy	Tetanus	Convulsions	Brain Disease	Spinal Disease	Meningitis	Congestion of Brain	Inflammation of Brain
Peterborough	Male					2	3		4	3	1
	Female					4	1	1	1	1	
	Total					6	4	1	5	4	1
Prescott and Russell	Male			2	1		1			1	
	Female			1		2	1			1	
	Total			3	1	2	2			2	
Prince Edward	Male					1	5				
	Female					2	1				1
	Total					3	6				1
Renfrew	Male					4	1			1	1
	Female			1		5	2		1		1
	Total			1		9	3		1	1	2
Simcoe	Male			1		12	6	1		2	
	Female					9	6	2	1		
	Total			1		21	12	3	1	2	
Stormont, Dundas and Glengarry	Male					6	9	1	1		
	Female					4	4	2	1		
	Total					10	13	3	2		
Thunder Bay	Male					2					
	Female						1				
	Total					2	1				
Victoria	Male		1	1	1	6	4			3	
	Female			2		7	5	1		1	1
	Total		1	3	1	13	9	1		4	1
Waterloo	Male			1	1	13	4	1	1	2	4
	Female	1		2		17	5	1		1	3
	Total	1		3	1	30	9	2	1	3	7

BY COUNTIES.—*Continued.*

| | RESPIRATORY ORGANS. | | | | | | DEVELOPMENTAL DISEASES OF CHILDREN. | | | | | | | DEVELOPMENTAL DISEASES OF WOMEN. | | DEVELOPMENTAL DISEASES OF OLD PEOPLE. | | | |
Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Still-Born.	Infantile Premature.	Cyanosis.	Spina Bifida.	Other Malformations.	Teething.	Infantile Debility.	Paramenia.	Childbirth.	Old Age.	Total.	Other Diseases and causes not given.	Grand Total.
	8		11	1		3	4					1	11			11	124	58	182
	5		8	2		1						4	10		1	10	106	63	169
	13		19	3		4	4					5	21		1	21	230	121	351
		1	6		1	2	1						43			13	149	40	189
						1	1	1					23		5	14	167	16	183
		1	6		1	3	2	1					66		5	27	316	56	372
	3		3			3	1	1					7			16	85	12	97
			3		1	1		2				1	6		2	11	76	14	90
	3		6		1	4	1	3				1	13		2	27	161	26	187
	10	.	11			2	3	4					15			17	146	70	216
	4		6	1	2			1				1	13			13	124	69	193
	14		17	1	2	2	3	5				1	28			30	270	139	409
	7		16		1	7	3	2			1	2	46			38	263	136	399
	6		19	1	2	3	3	1				4	24			28	248	95	343
	13		35	1	3	10	6	3			1	6	70			66	511	231	742
	5		13	1	1	3	1	1				4	45			41	263	99	362
1	7		19		1	4						2	18		6	39	265	66	331
1	12		32	1	2	7	1	1				6	63		6	80	528	165	693
	4	1	6		1	2	2		1				1			1	46	40	86
			7										2		2		31	37	68
	4	1	13		1	2	2		1				3		2	1	77	77	154
	10		10	3	1	2	4		1		1	1	19			14	138	48	186
	1		6			1					1	2	13		2	11	127	45	172
	11		16	3	1	3	4		1		2	3	32		2	25	265	93	358
	8	2	13	3	1	3	6	4	1		2	2	14			17	208	64	272
	2		15		1	2	1		1		1	2	9		4	19	195	57	252
	10	2	28	3	2	5	7	4	2	..	3	4	23		4	36	403	121	524

TABLE I.—CAUSES OF DEATH

COUNTIES,	Sex.	MIASMATIC:										
		Small Pox.	Measles.	Scarlatina.	Diphtheria.	Quinsy.	Croup.	Whooping Cough.	Infantile Fever.	Erysipelas.	Metria (Puerperal Fever).	Influenza.
Welland.............................	Male...	....	....	1	....	....	4	....	....	....	......	2
	Female.	....	....	....	4	....	3	1	....	....	1	....
	Total..	....	....	1	4	....	7	1	....	....	1	2
Wellington	Male...	....	....	1	14	....	6	2	....	2	......	1
	Female.	....	....	....	24	....	5	6	....	1	2	2
	Total..	....	....	1	38	....	11	8	....	3	2	3
Wentworth	Male...	....	1	3	18	....	13	6	....	2	......	1
	Female.	....	2	6	11	....	6	2	....	3	7	....
	Total..	....	3	9	29	....	19	8	....	5	7	1
York	Male...	5	1	13	25	....	14	6	....	4	......	2
	Female.	....	6	17	28	3	13	7	....	7	18	3
	Total..	5	7	30	53	3	27	13	....	11	18	5
Total Males	....	33	12	63	454	6	196	86	3	52	......	36
" Females	....	12	17	78	510	5	150	126	3	46	117	28
Grand Total........	....	45	29	141	964	11	346	212	6	98	117	64

BY COUNTIES.—*Continued.*

	MIASMATIC									TUBERCULAR				NERVOUS SYSTEM			
Dysentery.	Diarrhoea.	Cholera Infantum.	Cholera.	Ague.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Scrofula.	Tabes Mesenterica.	Phthisis (Consumption of Lungs).	Hydrocephalus.	Cephalitis.	Cerebro-Spinal Meningitis.	Apoplexy.	Paralysis.
1	2	6	....	....	....	11	....	2	4	.....	......	19	1	......	......	1	......
....	3	2	....	....	....	8	....	3	4	.....	......	20	......	......	......	1	3
1	5	8	....	....	....	19	....	5	8	.....	......	39	1	......	......	2	3
6	17	4	1	....	3	5	....	1	16	.....	......	27	2	......	2	3	5
1	13	4	1	....	1	10	2	3	19	.....	......	36	2	. ....	......	2	5
7	30	8	2	....	4	15	2	4	35	.....	......	63	4	......	2	5	10
....	27	23	2	....	....	8	3	3	41	2	1	44	5	......	1	8	6
2	19	11	2	....	....	9	2	4	27	1	......	67	3	......	1	10	3
2	46	34	4	....	....	17	5	7	68	3	1	111	8	......	2	18	9
7	53	43	2	....	4	27	7	2	55	1	4	124	13	......	1	20	18
6	53	38	6	....	....	32	1	7	61	1	2	140	11	......	4	10	14
13	106	81	8	....	4	59	8	9	116	2	6	264	24	......	5	30	32
95	362	237	37	2	41	253	50	74	351	12	11	931	117	1	33	121	188
73	304	168	30	2	22	224	49	86	366	3	5	1226	80	......	28	102	167
168	666	405	67	4	63	477	99	160	717	15	16	2157	197	1	61	223	355

TABLE I.—CAUSES OF DEATH

COUNTIES.	Sex.	NERVOUS SYSTEM.									
		Insanity.	Chorea.	Epilepsy.	Tetanus.	Convulsions.	Brain Disease.	Spinal Disease.	Meningitis.	Congestion of Brain.	Inflammation of Brain.
Welland..........................	Male...				1	8	3	....	2	2	....
	Female.	1	......		1	....	5	3	2	1	1	....
	Total.	1	......	1	1	13	6	2	3	3	....
Wellington	Male...			2	....	14	3	....	....	5	2
	Female.			1	....	8	5	3	1	3	2
	Total..			3	....	22	8	3	1	8	4
Wentworth	Male...	1			1	18	6	1	8	5	4
	Female.		1	2	....	17	10	2	2	5	2
	Total..	1	1	2	1	35	16	3	10	10	6
York	Male...	1		3	....	37	17	5	17	14	16
	Female.				....	35	9	1	17	7	8
	Total..	1		3	....	72	26	6	34	21	24
Total Males		10	1	30	10	323	145	39	66	72	55
" Females		6	2	25	2	250	110	40	58	43	40
Grand Total.............................		16	3	55	12	573	255	79	124	115	95

Sooner or later death and the grave fall to the lot of all. When however it is found that over one-third die before they reach the end of their fifth year, that nearly one-half die before the end of their twentieth year, and that a large number of the remaining half die while yet young and in the prime of life, it becomes a matter of much interest and concern to the State to ascertain the various causes which operate in the destruction prematurely of so many lives.

It was, when considering how the recurrence of the terrible plagues that visited Lon don in the sixteenth century could be averted, that the first move was made to find out where and under what circumstances people died, and how many died in different localities. An imperfect sort of registration was then established from which many valuable hints were obtained. But it was only in 1837 that anything like a perfect system of registration was carried out. At this time an Act of Parliament respecting it came into force. The measure received the cordial co-operation and assistance of the physicians, surgeons, and apothecaries ; to whom circulars were sent by the Presidents of their Associations. The

BY COUNTIES.—*Continued.*

Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Still-born.	Infantile Premature.	Cyanosis.	Spina Bifida.	Other Malformations.	Teething.	Infantile Debility.	Paramenia.	Childbirth.	Old Age.	Total.	Other Diseases and cause not given.	Grand Total.
....	2	....	6	....	1	1	....	1	..	..	....	3	8	....	......	12	104	77	181
....	3	....	6	....	1	1	1	2	..	..	....	1	2	....	3	17	104	37	141
....	5	....	12	....	2	2	1	3	..	..	....	4	10	....	3	29	208	114	322
....	9	1	15	2	....	6	2	1	..	..	....	2	28	....	...	26	236	110	346
....	8	1	28	3	....	8	3	3	..	..	....	1	21	....	5	38	271	63	334
....	17	2	33	5	....	14	5	4	..	..	....	3	49	....	5	64	507	173	680
3	10	....	33	1	3	11	11	15	..	..	....	2	31	....	......	25	407	161	568
1	15	2	26	....	3	8	14	7	..	1	....	1	18	1	1	29	366	104	470
4	25	2	59	1	6	19	95	22	..	1	....	3	49	1	1	54	773	265	1038
2	31	4	50	3	3	34	25	29	2	1	....	11	62	....	......	67	885	355	1240
1	34	2	30	6	3	17	18	16	..	1	....	3	60	1	10	78	845	264	1109
3	65	6	80	9	6	51	43	45	2	2	....	14	122	1	10	145	1730	619	2349
14	210	16	601	34	27	155	102	122	6	7	7	64	686	....	......	875	7534	3069	10603
22	182	11	449	30	38	121	88	78	2	12	7	56	478	5	123	786	7091	2359	9450
36	392	27	1050	64	65	276	190	200	8	19	14	120	1164	5	123	1661	14625	5428	20053

law has been improved by amendments from time to time, and in 1874 physicians were compelled under a penalty to return certificates of death. And thus from materials at first very imperfect, but continually improving, a national system of vital statistics has been established in Great Britain, and a series of reports, annual, quarterly, and weekly, have been published by the Registrar General, under the superintendence of Dr. William Farr, which afford an insight into the varied conditions of life, health, and disease, which previous to the establishment of civil registration it was impossible to obtain.

To such perfection has the registration of deaths now arrived in England that every Tuesday copies of a printed report of ten pages are sent all over the kingdom, giving the causes of deaths, with conclusions and warnings to be drawn from them, for the previous week ending on Saturday, collected from twenty-three cities in the kingdom, with an aggregate population of over eight millions of people. The report also contains the latest information respecting the health, etc., of the chief cities of the world. And thus

as Dr. Farr has remarked, observers, like watchmen on the walls, are ever on the look out, and neither plague, cholera, or any other great epidemic, can take the nation by surprise.

As touching the value of the registration of vital statistics for the convenience of public reference, etc., the following is important. According to the thirty-eighth Annual Report of the Registrar-General of Great Britain, the provisions of the Registration Act are becoming more generally known by the legal profession, and increasing numbers of certificates are required for proof of death and for pedigree purposes. A considerable number of applications for birth certificates are made by candidates for Civil Service clerkships, and for many other purposes. The annual number of searches at the office of the Registrar-General is increasing rapidly.

The total number of searches in 1875 was 26,356, and the number of certificates issued was 20,283.

The total number of deaths registered in Ontario in 1877 was 20,053; 10,603 males and 9,450 females. This number exceeds that of the previous year by 1,430.

The mortality in 1877 was at the rate of one death in 87 persons living, or 12.3 per 1,000 of the population.

It has been estimated, by comparing the mortality, general condition of the people, climate, etc., of other countries with those of Ontario, that a death rate of 18 per 1,000 living would be shown to be about the average in Ontario, if the returns were complete.*

It must be observed, however, that already the returns from many places may be regarded as fairly complete and reliable. The six largest cities for example, excepting Ottawa (from which the returns are very incomplete), viz.: Toronto, Hamilton, London, Kingston, St. Catharines and Belleville, collectively, return a death rate of 20 per 1,000 living. Toronto returns a mortality of 23.6 per 1,000; Hamilton 20, and Belleville 21. The other three are below the average of the six.

The twenty largest cities and towns in Ontario, with an aggregate population of 267,289 or about 16.5 per cent. of that of the entire Province, return 4,365 deaths, or about 21 per cent. of the total number registered. The much larger proportionate returns from the cities are still further evidenced by the fact that five of the largest cities (excepting Ottawa), with a population of 145,231 or about nine per cent. of the total population of the Province, return 3,042 deaths, or about 15 per cent of the total death returns.

Of the total number of deaths returned then, a very larger proportion, it will be observed, comes from the cities and towns than from the rural districts, as reported last year. And it will be well to state again that this must be owing to the greater facilities afforded in the cities, to the public for registering, by the proximity of the people to the registrar, to the greater amount of interest taken in the subject of registration by people in the cities, and to the greater value they place upon the returns of vital statistics.

In the cities too, the registrars are better able to look after cases of deaths as well as births and marriages, and to compel neglectful people to have all such cases registered. It must be again observed, that the much larger proportionate returns from the cities cannot be to a greater extent attributable to an actually larger death rate in the cities. Because though the mortality in young children from diseases of the alimentary canal is almost always larger in densely populated localities than in localities more sparsely populated, two at least of our most prevalent and fatal diseases—diphteria and typhoid fever—are known to be usually more prevalent in rural districts. It is well known that there are many extensive tracts of undrained land in the country, and that other insanitary conditions prevail chiefly in rural localities, which cannot fail to produce their usual effects upon the public health.

The returns show that only 89.1 females died to every 100 males; or 47.13 females and 52.87 males in every 100 deaths. A larger number of males in proportion to females and in proportion to the whole number of deaths, died in 1877 than in 1876; and again, a larger number in 1876 than in 1875, as shown in the following table :—

*Interim Report of Registrar-General first half of year 1876.

ONTARIO.

In 1875 there were 4,941 male decedents to 4,409 females or 108 males to 100 females.
" 1876 " 9,746 " 8,877 " 109 "
" 1877 " 10,603 " 9,450 " 112 "

In 1875 there were 13,503 male births and 12,465 females or 108 males to 100 females.
" 1876 " 19,733 " 18,746 " 105 "
" 1877 " 20,659 " 19,298 " 107 "

RHODE ISLAND.

Deaths in 1875, 2,108 males to 2,209 females or 95.4 males to 100 females.
" 1876, 1,969 " 2,147 " 91.7 "

Births in 1875, 3,362 " 3,146 " 106.9 "
" 1876, 3,291 " 3,038 " 108.3 "

MASSACHUSETTS.

Deaths in 12 years from 1865–76 :—
174,053 males to 173,972 females ; proportion between males and females
nearly the same.
Births...... 241,078 " 227,725 females or 105 males to 100 females.

MICHIGAN.

Deaths in 11 years, from 1865–75 :—
157,568 males to 157,303 females or 100.2 males to 100 females
Births...... 219,373 " 207,315 " 105.8 "

By the return from Rhode Island it appears that a larger number of females than of males die.

It would be interesting to know the causes of this ; why it is that while in Ontario a larger number of males die than of females, in Rhode Island the reverse is the case. But the most singular thing in connection with this part of the returns in the two countries is that, while in Ontario the number of births of males exceed that of the births of females in pretty nearly the same ratio, the number of deaths of males exceed that of the deaths of females ; yet in Rhode Island though the number of births of males exceed that of females (even to a greater degree than in Ontario), more females die than males.

In Michigan, during a period of eleven years, from 1865 to 1875 inclusive, the average number of deaths of males exceed by only a fraction that of the deaths of females. During the same period the number of births of males exceeded that of females in about the same ratio, as obtained in Ontario, the average in that Province of the last three years being taken. There is a striking difference in the excess of births over deaths returned in Ontario, as compared with similar returns in Rhode Island and Michigan. Taking the average of the last three years in Ontario, the number of births returned exceeded the number of deaths by considerably over 100 per cent. In Rhode Island, in 1875 and 1876, the return of births exceeded the returns of deaths by only a fraction above 50 per cent. While in Michigan, during the eleven years, 1865 to 1875 inclusive, the average excess of births over deaths in the returns was considerably less than 50 per cent. In England during a series of years from 1868 to 1877 it was a little over 70 per cent., and in Ireland during the same period the births were only slightly in excess of the deaths. The number of male births, as compared with that of females, is greater in Ontario than in England. It is a noticeable feature in the returns in Ontario that, while in 1875 the excess of births was as 26 to 9.3, not very much short of three births to one death, in 1876 the excess had decreased to only a little over two births to one death, and in 1877 a further decrease is exhibited.

This large excess of births over deaths in Ontario must be attributable to a greater amount of attention being given to the registration of births than to that of deaths, the people being apparently more particular about registering births than they are about deaths. Most parents are assumed to take some pride in registering the births in the family.

The following Table shews the death rate, at different ages, for the years 1876 and 1877 :—

	1876.		1877.	
	No.	Per cent. of the whole.	No.	Per cent. of the whole.
Total under one year	3,844	21.4	4,704	24.1
" from one year to five years.................	2,471	13.7	2,841	14.6
Total under five years...	6,315	35.1	7,541	38.7
Total from 5 to 10 years...........................	1,012	5.6	1,064	5.6
" 10 " 20 "	1,341	7.5	1,391	7.1
" 20 " 30 "	1,696	9.5	1,687	8.6
" 30 " 40 "	1,316	7.4	1,310	6.7
" 40 " 50 "	1,116	6.2	1,144	5.8
" 50 " 60 "	1,099	6.1	1,098	5.6
" 60 " 70 "	1,311	7.3	1,389	7.1
" 70 " 80 "	1,595	9.0	1,572	8.1
" 80 " 90 "	917	5.1	1,000	5.2
" 90 and over..	228	1.2	272	1.5
	11,631	100.00	19,472	100.00

The returns of 1877 shew an increased mortality among children under one year of age, the increase amounting to nearly three per cent. of the total deaths returned. In 1877, 4,704 children died under this age, or 24.1 per cent. of the whole number of deaths registered, as against 3.844, or 21.4 per cent. in 1876, an increase of 860, or 22.4 per cent. over 1876. The returns also shew an increase of nearly one per cent. (of the totals) in deaths of those between one year and five years of age. So that the percentage of deaths under five years of age was much greater in 1877 than in 1876 ; the increase amounting to nearly 20 per cent. of the deaths under five, or 3.6 per cent. of the total number of deaths returned. Of all the deaths returned in the year, 20,053, 4,704 or 24.1 per cent. (not much less than one-fourth) died before reaching the end of their first year of existence, and 7,541, or 38 per cent., considerably over one-third died before reaching the end of their fifth year. Looking further on, 9,996 (hardly 31 less than one-half the totals) died before reaching maturity, so that nearly half the children born in the Province die without contributing in any way to its resources. The fact that nearly one-fourth of all who are born die before completing the first year of their age ; that over one-third die before the end of their fifth year, and almost one-half before the end of their twentieth year (only a very little over one-half reaching manhood or womanhood) reflects but little credit upon the manner in which the resources of medical science in the nineteenth century are applied, and the method in which the sanitary regulations are enforced.

As regards the number of deaths under one year and under five years in Ontario, the Province compares favourably with some other countries. In the whole of England the proportion dying under one year is about twenty-four per cent. of the total number of deaths ; while in the cities there, it is considerably greater. Boston has returned 25 per cent. and New York 30 per cent. of the mortality, as under this age. On the other hand, however, in Philadelphia the returns shew a death rate among children under one year, of 22 per cent. ; Rhode Island, during a period of ten years, 18 per cent. ; and Geneva, Switzerland, 15 per cent. In Norway, only 25 per cent. perish before reaching maturity, or twenty years of age. In the United States, according to the returns, 35 per cent. of

males, while in Ireland 51 per cent., a somewhat larger number than in Ontario, fail to reach maturity.

The number of deaths and the sex of the deceased in each month of the year in each county in the Province, is given in Table H.

The following Synopsis of the Table shews the number of deaths in each quarter of the year, and also the order of deaths by months :—

			Males.	Females.	Total.	Of the whole number of deaths.
Quarter ending	March	31	2,841	2,536	5,377	or 26.8 per cent.
"	" June	30	2,516	2,281	4,797	" 23.9 "
"	" Sept.	30	2,827	2,466	5,293	" 26.3 "
"	" Dec.	31	2,365	2,106	4,471	" 22.2 "
Date of death omitted			54	61	115	
			10,603	9,450	20,053	

ORDER OF DEATHS BY MONTHS.

	Males.	Females.	Total.
March	1,007	914	1,921
August	1,019	889	1,908
April	905	843	1,748
February	938	807	1,745
May	896	820	1,716
January	896	815	1,711
September	896	801	1,697
July	912	776	1,688
October	808	739	1,547
December	761	718	1,479
November	796	649	1,445
June	715	618	1,333
Not given	54	61	115
	10,603	9,450	20,053

The month of March shews the highest number, and the month of June the lowest number of deaths.

Of deaths from all causes, and in both sexes at all ages, in 1877, a larger number took place in March, as shewn in preceding table, than in any other month. In 1876, August claimed the largest share, and March was second in the list. In 1877, August follows close upon March as to numbers ; only thirteen less dying in the former than in the latter month. In March much the largest number died from diseases of the respiratory organs ; in August, from diseases of the alimentary canal. In both months the mortality was greatest among young children ; Pneumonia carrying off the largest proportion in March, and diarrhœa and infantile debility destroying most in August. In March 183 more males died than females. In every other month more males also died than females. April gives the next highest mortality, as it did in 1876, though 140 less deaths were registered in this month than in August. February stands fourth in both 1876 and 1877. In 1877, the smallest number died in June. In 1876, the smallest number died in November, and June came next. Nearly fifty per cent. more died in March than in June.

Much profit might arise from the study of the fluctuations in the mortality from month to month. In noticing them in the mortality list throughout the year, commencing with January, we find that 1,711 deaths were recorded in this month ; 232 above the record for December. In February, 1,745 died, or 34 more than in January. In March the rise is much more marked again, and instead of an increase on the previous month of only 34, there is one of 176—1,921 deaths being recorded this month—442 more than in December. In April there is a marked fall in the mortality, and it reaches down nearly to that

of February, the decrease now amounting to 173 ; only three more dying in this month than in February.

In May there is a much less marked fall, 32 less dying this month than in April. In June, the greatest fall in the mortality during the year takes place ; 383 less dying in June than in May. But the rise again in July is almost as great as the fall in June, and 355 more die in the former month than in the latter. Again in August there is another great rise in the mortality, and 220 more die in this month than in July. While in June, 1,333 deaths are registered, in August there 1,908 ; a rise in two months of over 43 per cent. or an increase in the mortality of 575 deaths. In September, there is a fall in the mortality of 211, in October another fall of 150, and in November one of 102. In December there is a slight rise of 34 deaths, the commencement indeed of the greater rise in January.

The curve or wave of death then commencing to rise in December, ascends rapidly in January, makes a slight further elevation in February, and again swells up rapidly and reaches its highest point, for the year in March. In April it sinks down almost, but not quite, to the level it attained in February ; in May it sinks a little lower, and in June falls down rapidly again to its lowest level, for the year. It has now since March fallen a greater distance than it had ascended between November and March. In July it rises again rapidly, as it does likewise in August, when it mounts almost to the level attained in March. It then sinks again gradually, but rather rapidly, through September, October and November, when it is not very much above the low level it reached in June.

The two highest points then in the death wave were made in March and August and the two lowest in June and November. The greater declivity or sweep in the curve was between March, when it reached its greatest altitude, and June when it sunk to its lowest level ; and the smaller declivity or sweep was between August and November.

The fluctuations in the mortality—rises and falls in the death wave, are doubtless owing chiefly to two leading series of causes : 1st. To insanitary conditions and environments ; and 2nd, to vicissitudes of temperature and humidity or changes in the weather. The first series embrace neglect of individual hygiene as well as of general public health measures, errors in diet, neglect of the skin, unsuitable clothing, &c., as well as the use of impure water, breathing foul air, living on undrained soil, &c. While doubtless the weather has much influence on the mortality of a country, its influence is secondary. It acts through primary causes, the insanitary conditions. Were this not the case the weather changes would affect all alike, or nearly all alike, the death-rate would be much the same in different but adjacent and naturally similar localities, in the country as in the town, and so on. But this is not the case. Where insanitary or unhygienic conditions are greatest, there the mortality is greatest ; where there are good sanitary environments, there the death rate will be drawn down to its minimum. Mr. A. Buchan, Secretary of the Scottish Meteorological Society, and Dr. Mitchell, having made a careful examination of the returns for London, England, as furnished by the Registrar-General for a period of thirty years, say " that investigations shew that in different places deaths from particular diseases exhibit very different degrees of sensitiveness to weather." The very different degrees of sensitiveness to weather must be chiefly attributed to the different sanitary conditions of the different places. There is perhaps some danger of attributing too much in the causation of disease to the influence of the weather, over which man has no control, and too little to the influence of unhygienic environments, which are quite controllable by human skill and ingenuity.

The following is a Record of the ten highest Causes of Death for the years 1871, 1872, 1873, 1874 1876, and 1877.

1871		1872		1873		1874 *		1876		1877	
Whole number of deaths registered	9182	Whole number of deaths	10745	Whole number of deaths	11069	Whole number of deaths	10352	Whole uumber of deaths	18623	Whole number of deaths	20053
Phthisis	1042	Phthisis	120	Phthisis	1217	Phthisis	1143	Phthisis	2259	Phthisis	2157
Scarlatina	630	Scarlatina	642	Old age	778	Pneumonia	642	Old age	1400	Old age	1661
Pneumonia	508	Old age	545	Lung disease	533	Old age	536	Diphtheria	864	Infantile debility	1164
Exhaustion	467	Pueumonia	514	Typhoid fever	401	Typhoid fever	369	Pneumonia	786	Pneumonia	1050
Old age	414	Diarrhœa	407	Heart disease	399	Heart disease	351	Lung disease	662	Diphtheria	964
Heart disease	333	Heart disease	350	Cerebro-spinal meningitis	324	Diarrhœa	334	Heart disease	569	Scarlet fever	717
Typhoid fever	261	Dysentery	342	Stomach disease	321	Enteritis	283	Convulsions	544	Heart disease	697
Dropsy	241	Exhaustion	332	Brain disease	278	Convulsions	267	Diarrhœa	539	Diarrhœa	666
Convulsions	209	Typhoid fever	329	Pneumonia	276	Dropsy	239	Typhoid fever	436	Convulsions	573
Diarrhœa	207	Brain disease	318	Cholera infantum	276	Lung disease	231	Dropsy	381	Enteritis	497

* No report issued in 1875.

The Table subjoined shews the total deaths registered in each County, the number who died from Phthisis out of that number, and the per centage thereof.

COUNTIES.	Total number of Deaths.	Number of Deaths from Phthisis.	Per centage of the whole.
Algoma	133	11	8 per cent.
Brant	397	63	16 "
Bruce	419	66	15 "
Carleton	505	81	16 "
Elgin	353	39	11 "
Essex	478	48	10 "
Frontenac	449	20	4 "
Grey	466	31	6 "
Haldimand	203	31	15 "
Halton	297	51	17 "
Hastings	621	81	13 "
Huron	626	54	8 "
Kent	460	39	8 "
Lambton	427	43	10 "
Lanark	315	31	9 "
Leeds and Grenville	576	94	16
Lennox and Addington	298	36	12 "
Lincoln	467	65	14 "
Middlesex	1044	116	11 "
Muskoka	213	14	6 "
Norfolk	380	26	7 "
Northumberland and Durham	693	84	12 "
Ontario	561	66	11 "
Oxford	544	57	10 "
Parry Sound	148	8	5 "
Peel	324	30	9 "
Perth	477	48	10 "
Peterborough	351	29	8 "
Prescott and Russell	372	37	10 "
Prince Edward	187	31	16 "
Renfrew	409	15	3 "
Simcoe	742	50	6 "
Stormont, Dundas and Glengarry	693	33	5 "
Thunder Bay	154	11	7 "
Victoria	358	47	13 "
Waterloo	524	44	8 "
Welland	322	39	12 "
Wellington	680	63	9 "
Wentworth	1038	111	10 "
York	2349	264	11 "
Total	20053	2157	10 per cent.

Six Counties give the same average as the whole Province, seventeen above and seventeen below.

The Comparison of per centage of the specified Causes of Death between the years 1876 and 1877.

	1876.		1877.
Whole number of deaths from specified causes.....................	17508	Whole number of deaths from specified causes........	19260
	Per cent. of the whole number of specified causes.		Per cent. of the whole number of specified causes.
Phthisis	12.9	Phthisis......................................	11.2
Old age	8.0	Old age	8.6
Diphtheria.....	5.0	Diphtheria....	4.8
Pneumonia	4.0	Pneumonia	5.4
*Lung disease ... .'......	3.5	Heart disease	3.6
Heart disease	3.0	Convulsions	2.9
Convulsions	3.0	Diarrhœa.....................................	3.4
Diarrhœa	3.0	Enteritis	2.5
*Typhoid fever.............................	2.5	Infantile debility.........................	6.0
*Dropsy	2.0	Scarlet fever	3.7

* These three diseases have decreased in numbers in 1877, and are not now on the list of the ten highest causes of death. Their places have been taken by Enteritis, Infantile Debilty and Scarlet Fever.

The certified causes of deaths, as given in the retuns for 1877, are yet in many cases quite unsatisfactory. But this same drawback is still complained of in England, after over forty years' experience in registration.

Lung disease is frequently given as a cause, without a word as to the nature of the disease, whether tuberculous or otherwise, which it is highly important to know ; or as to whether acute or chronic, the returns say not. In 1876, this cause was in the list of the ten highest causes of death ; last year it was not in the list. But it is not known whether this disease has decreased in frequency, or whether in some cases the cause has been better defined by the physician giving the certificate and cause of death.

Convulsions is a very unsatisfactory cause to give for death, yet it has been in the list of the ten highest causes for three successive years. It is not to be believed that eleven deaths per week on an average (573 for the year 1877), could have occurred in the Province from convulsions, pure and simple, in which !a more definite cause, a cause for the convulsions, could not have been made out by the physician. The localizing of this disease, however, would doubtless be more difficult than the ascertaining the exact nature of lung disease.

Again, Dropsy is frequently given, and has several times been in the list of the ten highest causes within the last few years. In 1877, however, it was not in this list. It is usually not at all difficult to ascertain whether the dropsy is renal or cardiac—a symptom of disease of the kidneys or of disease of the heart, most cases of dropsy being either one or the other ; and this is perhaps the most serious defect in the returns, because both kidney disease and heart disease, are affections of a most important character. It is highly desirable, both in the interests of medical science and of the state, that physicians should endeavour to be as definite and as correct as it is possible to be, in certifying to causes of death. The value of statistics for any purpose is greatly depreciated by such defects. But the words of Dr. Wm. Farr, in reference to this point, quoted in the last report, may be again given with profit : " The medical practitioner may have had inadequate means of observation ; he may be imperfectly skilled in advanced diagnosis, or the symptoms may be indistinct complicated, and only explicable by autopsy. In such cases the certified cause is vague, but it does not follow that the whole series of the returns, subject to such imperfections, is useless. If the attainable, though imperfect knowledge of disease suffices for the purpose of medical practice, it cannot be worthless for medical statistics."

Phthisis or consumption still maintains its persistent and almost universal place at the head of the list of causes, of death, destroying nearly double as many lives as any other specified disease, not including old age, and it is likely to maintain its accustomed place for some years to come, unless some active and malignant epidemic should chance to visit this province, and outstrip it in the race for victims. One important point is that while the returns had shewn a gradual and steady increase in the percentage of deaths from this disease during several years, in 1877 there appears to be a slight decline. While in 1876, 2,259 cases° of death were registered as having been caused by it, in 1877 there were 2,157, or 102 less than in 1876. The percentage of deaths from it was 12.9, in 1876 and 11.1 in 1877. In view of the previous gradual increase, it cannot be expected that a continued decline will now follow, unless some means be employed to suppress its ravages. Although the deaths by consumption of males and females collectively were numerically less in 1877 than in 1876, we find that in the former year 70 more females died of it than in the latter. In 1876 there were 225 more females than males who died of consumption ; while in 1877 the returns shew 295 more females than males who died of it. Females, it is well known, as a class, are much more sedentary in their habits than males, and are therefore more exposed to the ill effects of foul air, arising from want of ventilation, and the greater mortality among females from this disease may to some extent at least be fairly attributable to this cause. Consumption destroys a large number in every month, and at every age, but April, March and May respectively were the months in which the greatest numbers fell a prey to this disease in Ontario in 1877. Nearly 33 per cent. died between the ages of 20 and 30. More indeed died in this than in any other decennial period of life. The next largest number died between 30 and 40, and the third largest of males between 40 and 50, and of females between 15 and 20.

In proportion to the number of deaths returned, the County of Halton shews the greatest mortality from consumption ; namely 51 deaths in a total of 297, or 17.2 per cent. or 2 per 1,000 living. In 1876, this county appeared from the returns to have suffered most from typhoid fever. During that year the united Counties of Leeds and Grenville returned the largest percentage of deaths from consumption ; 18.7 per cent. of the total deaths returned from these United Counties. In 1877, these United Counties rank third in this respect, returning 16.3 per cent. or 1.4 per 1,000 living ; while Prince Edward is second, returning 16.5 per cent. or 1.3 per 1,000. Carlton, Brant, Bruce, and Haldimand, come next in order. While in six counties, each return about the same death rate from consumption as the average of the entire province, seventeen give returns above that average and seventeen below it. Renfrew appears more exempt from this scourge than any other county, returning in 1876 only 5.8 per cent. or .056 per 1,000, and in 1877 only 3.6 per cent. or .046 per 1,000. Frontenac, Stormont, Dundas, and Glengarry, Parry Sound, Muskoka, and Simcoe, come next in order in this respect, 1877, though in 1876, Frontenac was above the average of the Province, and returned a death rate from consumption nearly three times as large as in 1877. From York, Wentworth, and Middlesex, including the three large cities, Toronto, Hamilton, and London, the returns of 1877 shew a mortality from consumption below the average of the Province, though the total returns from the cities are fuller than from the rural districts.

Brant, Bruce, Haldimand, Lincoln, Northumberland and Durham, and Welland, were above the average in both 1876 and 1877, while Oxford, Huron, Welland, and Wentworth, which were above the average in 1876, are somewhat below it in 1877, Lanark which returned a death rate from this disease in 1876 of 17. 3 per cent. of the totals from the county, returned in 1877 only 9 per cent., or a little above half the proportion of the previous year.

Toronto returned a large number of deaths from this disease—over 3 per 1,000 living or about double the average of the whole Province. This was doubtless largely owing to the fact that many had entered the General Hospital from other localities in advanced stages of this disease, as well as in consequence of the total returns from Toronto being more complete than from the Province. Belleville, Kingston, St, Catharines and London also shew a high death-rate from consumption; 2.7, 2.7, 2.6 and 2.3 per 1,000 living respectively. Port Hope and Woodstock each return a fraction above 2 per 1,000. In the whole of England it is about 2.47 per 1,000 ; in Massachusetts, 3.2 per 1000. It would be interesting, and might prove highly profitable, to learn by investigation why the mortality from this cause is four or five times greater in some counties in Ontario, than in others, and why, in the same county, the number of deaths from it one year is twice as large as it is in another. While the nature of the soil and the face of the country, as affecting the drainage, would no doubt be found largely to account for such a wide difference in the death-rate from this disease in different localities, it may fairly be assumed that habits of life, which, in two or three generations, may engender hereditary predispositions and taints, would also be found to contribute very largely to these results.

Consumption is gradually becoming to be regarded more and more a preventable disease. The replies from a large number of medical practitioners in Ontario, to questions sent to them by the Select Committee on Public Health of the Provincial Legislature during the last session of this body, afford strong confirmatory evidence that it is so to a great extent. Want of ventilation and wet soil due to insufficiency of drainage, are regarded as two principal causes of the disease, and these two evils may be readily remedied by proper sanitary regulations.

Statistics shew that the number who die from what is commonly called old age, in Ontario, compares favourably with that shewn in other countries.

This cause of death comes second in the list of the ten highest causes. For 1877, 1,661 deaths from old age were registered in the Province, being 8.2 per cent. of the total number of deaths returned. In Rhode Island, of all the deaths registered, 5.8 are from old age ; in Ohio, 4.7 ; in Michigan, 3.82 ; in Massachusetts, 5 per cent., and in England, 5.21 per cent. ; so that it appears a larger proportion attain old age in Ontario than in any of these countries. Though it is probable that, in not a few of the cases, death was very much hastened, if not immediately caused by some special organic lesion arising more or less directly from preventable causes, and that natural Euthanasia carried off only a

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portion of the 1,661, yet this was probably not more frequently the case in Ontario than in the other countries cited, and the comparison is still favourable to this Province.

In 1877, of the total deaths registered, 2,844 had survived 70 years, and 1,272 had survived 80 years—in 1876, 2,740 survived 70, and 1,145 survived 80 years, so that a somewhat smaller proportion of the total number of deaths returned lived to exceed these ages in 1877 than in 1876.

Notwithstanding this, it is a noteworthy fact and one calculated to awaken serious thought, from a sanitarian point of view, that nearly 500 more died in 1877 in this Province from one single preventable disease, consumption, than from old age.

Infantile debility appears for the first time in the list of the ten highest causes of death. This may be accounted for in the following way. Previously, in the returns of infant mortality, the cause of death was found, in many cases, to have been omitted, and the Inspector, when visiting the various divisions, urged upon the Division Registrars the absolute necessity of remedying this important essential so as to complete the returns. It is probable, therefore, that medical men, in many instances, have given infantile debility as the "cause of death," without duly considering the importance of defining it more accurately. But the cause of death might nearly as well have been omitted altogether, as attributing it to infantile debility, is about as unsatisfactory an explanation as could well be given. It is fair to assume that the debility was, in many instances, caused by insufficiency of nourishment, but it is hardly to be supposed that there had been in many cases an absolute want of food on the part of either the infant or of the mother ; rather that there had been an inability to properly digest and assimilate the food, and the true cause of death was probably not unfrequently a diseased condition of the alimentary canal and other digestive and assimilating organs. This condition being caused, not unfrequently, by improper food, and perhaps, in some cases, terminating in a general tuberculous or scrofulous condition. It is most desirable, as already urged, that physicians in certifying to the cause of death should consider the importance of being as definite and explicit as possible.

Pneumonia or inflammation of the lungs generally ranks high in the list of the chief causes of disease. In the two last years it was fourth in the list. In 1874 it was second. The proportion of deaths from this disease in 1877 was about 3.2 per cent. greater than in 1876. 4.3 per cent. of the total deaths returned in 1876, and 5·4 per cent. in 1877 were from this cause. Of the 1,050 who died of this disease this year, 420 were under five years of age, and 249 under one year. 601 were males and 449 females. The largest number died in March, and the smallest number in August. There was a gradual monthly increase between August and the ensuing March in the number of deaths from this disease, which fact is well worthy of consideration. The following are the returns during this period :— August, 25 deaths ; September, 29 ; October, 44 ; November 64 ; December, 72 ; January, 121 ; February, 163 ; March, 177 ; and a like gradual, but especially after April and May, more rapid decline from March to August. In every month a larger number of males than of females died of pneumonia. After the age of five years the largest number died between the ages of sixty and seventy. Pneumonia is not classed among preventable diseases, nor is it usually regarded as a preventable disease, but probably few will be disposed to doubt that it may be prevented by close attention to individual hygiene.

Diphtheria was third on this list in 1876, but fifth in the year under consideration. Though further down in the list this year, one hundred more deaths were caused by it than in 1876. The percentage of deaths in 1877 was 4·8 per cent. as against 5 per cent. in 1876. Every month claimed a fair share of victims, but in October, January, November, and December it was most fatal. Though it proves fatal at all periods of life it is chiefly so between the ages of one and five. This disease appears to be on the increase in many countries, and is especially regarded as a filth disease and therefore preventable. It seems more than other diseases, not even excepting typhoid fever, to be intimately connected in some way with sewer gases and other foul gaseous exhalations of putrid matter, especially in cellars. It nevertheless finds soil for its development and propagation as well in the palace of the prince as in the cottage or hovel of the poor. Experience has shewn that diphtheria is more prevalent proportionably in rural than in urban districts. The returns from this Province afford evidence of this. Twenty of the largest cities and towns return 140 deaths from diphtheria or one death to about 1,909 persons living, while the whole

Province returns 964 deaths, or 1 to 1,679 persons living. It must be remembered that the returns are fullest from the cities and towns.

Diphtheria seems to have prevailed epidemically in several towns in 1877. In Belleville the mortality from it was 2.5 per 1,000 living; in Chatham it was 2 per 1,000, and in Woodstock 1.7. The average of the twenty largest towns was .52 per 1,000 living. Of the twenty largest cities and towns besides the above, Hamilton and Toronto were the only two which shewed a death rate from this disease above the averge. The mortality from it in these cities being .73 and .59 respectively per 1,000 living.

Scarlet fever or scarlatina must have prevailed somewhat epidemically also in 1877, it being the first year since 1872 in which it has been placed amongst the ten highest causes of death. This is especially a disease of childhood, and the largest number died of it between the ages of one and five ; the next largest between 5 and 10 ; and the third largest under one year. Only 22 in all of the 717 deaths are returned as dying of this disease after the age of 20 years. Of the 717 deaths 65 were in Toronto, 59 in Hamilton, and 12 in Port Hope ; shewing a death rate from it of .96, 1.8 and 2 per 1,000 living respectively in these towns. The rate for the Province was about .44 per 1,000. The spread of the disease may be almost entirely prevented by complete isolation. Hundreds of cases may rapidly spring from one.

Diarrhœa destroyed the lives of 666, a slight increase over the previous year. Nearly all of the decedents were under five years of age. Only 29 died of the disease between the ages of 5 and 60. 54 died of it over 60. The remainder, 573, being under 5, and 419 under one year. Hence this disease may be regarded as peculiar to infancy. Nearly all died in August, July and September. Two hundred and thirty-eight died of Diarrhœa in 20 of the largest cities and towns, with an aggregate population of 267,289. While the returns shew a death rate from this disease of about .41 per 1,000 living for the Province, the 20 largest towns and cities return .8 per 1,000, nearly double that of the whole Province. Looking at the total returns, the Province shews a percentage of deaths from this disease of 3.3 of those from all causes, and the 20 towns a percentage of 5.4. Toronto returns a percentage of 5.1 per cent., somewhat less than the average of the cities. Hamilton one of 6.2 per cent. London one of 7.2 per cent. Guelph a per centage of 11.9, while the returns from Peterborough shew that over 15 per cent. of the deaths in that town were caused by diarrhœa—a percentage three times as high as that of Toronto.

This disease is for the most part caused by foul air, improper food and bad water. Foul air has been shewn, and is generally believed to have an important influence in its production. It may be that the foul air is absorbed largely by the food, especially by milk, which, it is well known, readily absorbs foul odours, and which is a common food for infants. Hence we find diarrhœa is most prevalent during the ʼwarm dry weather, when emanations from faecal and other organic refuse are most abundant—when disease germs attain their greatest rapidity of evolution. It is probable that many of the deaths from this disease of the more aged, and of those which took place in the colder months, were of a chronic nature, and it would be very desirable if the returns clearly specified whether the disease was acute or chronic.

Convulsions, as before observed, is a very unsatisfactory and unprofitable cause to give for a death, as convulsions are caused by such a variety of conditions. Of the 573 deaths returned from this cause, 499 were of children under five years, and 384 of those under one year, so that they were for the most part infantile convulsions, the cause of which, in many cases, is undoubtedly very obscure. As the largest number died of this affection in January, February and March, respectively, when many infants died of pneumonia, and the next largest in number in August, July and September, (in the latter months most deaths were caused by diarrhœa) it may be inferred that the cause of the convulsions in many cases was either disease of the respiratory organs or of the alimentary canal.

Enteritis or inflammation of the inner lining of the small intestines has crept up again, and stands tenth in the list, taking the place which dropsy held in 1876, and causing 497 deaths. Not much short of half of these, namely, 222, were those under five years of age, and over one third, 175, died during the months of August, September and July. Though not at all generally regarded as a special disease of childhood, it is shewn to have been very much so in this Province in 1877, and it may be surmised from the ages of the decedents and the periods of greatest mortality that the causes in many instances were similar to those of diarrhœa.

Typhoid fever has been kept out of the list of the ten highest causes of death, in 1877, for the first time in many years. This is not because a smaller number died of the disease, but because ten other diseases were comparatively more fatal. It ranks, however, as the eleventh in the list.

It caused 477 deaths in 1877 as against 436 in 1876 ; an increase of 41 deaths, and a slight increase in percentage as regards the whole number of deaths returned from all causes. This, like diphtheria, is notably a preventable disease. It prevailed at all seasons, but was most fatal in October, November and September, during which three months 251 (considerably more than half the total number) died from it. It is fatal at all ages, but prefers, seemingly, to prey upon those in the prime of life, differing from diptheria in this respect which is more prone to attack those under five years of age— 349 of the 477 died of this disease between the ages of ten and fifty, and 127 between twenty and thirty.

Cholera infantum destroyed the lives of 405 little ones, nearly all during the months of August, July, and September. This disease is not unlike diarrhœa, and the causes of it are much the same, and hence, chiefly preventable.

Croup was the cause of 346 deaths ; 285 of which were of those under five years of age, and the remainder (except one) under 15 years.

This disease is most common during the colder seasons ; only 45 dying during the four months, June, July, August, and September.

Of other diseases, affections of the brain, including congestion and inflammation of this organ, apoplexy, paralysis, meningitis, and hydrocephalus, caused 1368 deaths in the year under review. Bronchitis destroyed the lives of 392, nearly half of whom were less than five years old, 160 deaths having occurred from that cause during the first three months of the year. Only 45 deaths from small pox were recorded during the year. No death was returned as occurring from that dread disease hydrophobia.

In reviewing all the causes of death in Ontario it cannot but strike the careful observer that a very large proportion are preventable, or are regarded as preventable diseases. Diphtheria, typhoid fever, and scarlet fever, are held to be particularly so, and these diseases caused over 2,000 deaths, representing hundreds of thousands of days of sickness. Phthisis, diarrhœa, cholera infantum, and infantile debility, causing between 3,000 and 4,000 deaths, are really little less preventable ; while even pneumonia, with its 1,050 victims, and many other of the diseases proving fatal, may undoubtedly be in a large measure prevented by individual hygiene if not by public health measures.

TABLE K.

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DEATHS BY OCCUPATIONS.

TABLE K.—Deaths by Occupations.

COUNTIES.	Agents.		Artists.		Brickmakers.		Blacksmiths.	
	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
Algoma								
Brant	1	44	1	45			2	150
Bruce								
Carleton							1	24
Elgin							1	28
Essex							1	56
Frontenac							1	76
Grey								
Haldimand							1	24
Halton	1	28						
Hastings							1	46
Huron							3	181
Kent								
Lambton							3	99
Lanark								
Leeds and Grenville							1	54
Lennox and Addington							2	153
Lincoln	1	38					1	57
Middlesex	1	27	1	26	1	38	5	208
Muskoka								
Norfolk								
Northumberland and Durham					2	162	2	101
Ontario	1	41					2	129
Oxford	1	50						
Parry Sound								
Peel								
Perth							1	23
Peterborough					2	82		
Prescott and Russell							1	49
Prince Edward								
Renfrew								
Simcoe								
Stormont, Dundas and Glengarry	2	124					2	147
Thunder Bay								
Victoria							2	94
Waterloo							1	57
Welland							2	61
Wellington	1	31						
Wentworth	1	46					4	181
York	9	402	1	45	1	78	14	697
Total	19	831	3	116	6	360	54	2695

TABLE K.—Deaths by Occupations.—*Continued*.

Brewers.		Bricklayers.		Barbers.		Butchers.		Book-keepers and Clerks.		Bankers.		Bakers and Confectioners.	
No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
						2	101	3	122			1	22
								2	84			1	22
						1	77	1	76				
								1	40				
								1	30				
						1	30						
						1	28						
								1	24				
						1	75	7	378			2	44
								1	22				
						1	40	2	98				
		1	66					2	52			1	66
						1	40	6	282			1	65
						1	57	1	28				
		4	160			1	60	3	143			3	97
												1	42
		1	57										
						2	75	3	133			1	22
						2	126	1	76				
								2	54				
												1	65
								1	22				
								2	60				
								3	145				
		1	66					1	80				
						2	80	3	134			1	22
								2	59				
						1	52						
								2	79				
1	57							2	118				
				1	23			2	64				
								1	28	1	47		
		2	98			3	136	6	208			1	48
		4	155	3	119	5	291	31	1265			2	90
1	57	13	602	4	142	25	1268	93	3904	1	47	16	605

TABLE K.—DEATHS BY OCCUPATIONS.—*Continued.*

COUNTIES.	Carpenters.		Cabinetmakers.		Coopers.		Cooks.	
	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
Algoma					1	82		
Brant	3	182						
Bruce	1	68	2	75				
Carleton	2	113						
Elgin	2	111						
Essex	4	198					1	72
Frontenac	2	95			1	71		
Grey	5	415						
Haldimand								
Halton	1	70			2	143		
Hastings	4	213	1	73				
Huron	2	64	2	79				
Kent	2	85	1	35				
Lambton	1	21						
Lanark	3	125						
Leeds and Grenville	3	169						
Lennox and Addington	2	113						
Lincoln	4	148			1	74		
Middlesex	12	679	2	62	3	215		
Muskoka	1	25						
Norfolk	1	46						
Northumberland and Durham	13	756	3	193	2	66		
Ontario	6	270			2	128		
Oxford	5	301	1	54	1	62		
Parry Sound								
Peel	1	31						
Perth	1	51	1	25				
Peterborough	1	64	1	79	1	33		
Prescott and Russell	2	141	1	71				
Prince Edward								
Renfrew	1	74						
Simcoe	5	268	1	25				
Stormont, Dundas and Glengarry	1	57	1	68				
Thunder Bay							1	30
Victoria	3	129						
Waterloo	3	184	1	29	1	68		
Welland	5	318						
Wellington	4	216	1	46				
Wentworth	6	290	2	125	1	54		
York	21	1173	2	96	1	57	2	100
Total	133	7263	23	1135	17	1053	4	202

TABLE K.—Deaths by Occupations.—*Continued.*

Chemists and Druggists.		Clergymen.		Contractors.		Carriage and Waggon Makers.		Dentists.		Engineers.		Editors.	
No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
2	49			1	61	3	206						
1	43												
		1	83	1	47	1	86						
						1	73			1	45		
		1	93	2	92			1	67	1	46		
		1	83					1	22	1	48		
		1	37										
								2	88	1	31		
										2	112		
						1	30			1	38		
						1	32						
				1	22								
				1	55					2	81		
						1	34						
		1	77										
				1	48	1	64			2	149		
2	57	1	44	1	50	1	35			1	44		
		1	85										
		2	157	1	86								
1	51					1	58			1	82		
		1	33	2	130	3	130			1	33		
1	34	2	115			1	23	1	68				
		1	73							2	98		
		1	34										
		2	116			1	64	1	26				
		1	65										
		1	53										
										1	56		
		1	60			1	42						
		1	62	1	48	1	49						
		3	182	1	64	2	67					1	44
		3	160	4	261	1	54			1	50		
2	84	5	305	2	104	4	152			4	182	1	37
9	318	31	1917	19	068	25	1199	6	271	22	1095	2	81

TABLE K.—Deaths by Occupations.—*Continued.*

COUNTIES.	Farmers.		Farmers' Wives.		Gardeners.		Gentlemen.	
	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
Algoma	3	134	.....	....	.....	....	.....	....
Brant	34	2185	23	1228	3	168	7	497
Bruce	85	4979	52	2896		32	2	109
Carleton	66	3784	31	1839	.....	....	2	111
Elgin	47	2954	31	1912	1	44	.....	....
Essex	47	2904	40	2325	.....	....	2	128
Frontenac	54	3235	23	1261	1	82	5	413
Grey	95	5671	60	3459	.....	....	2	129
Haldimand	41	2695	32	1894	.....	....	3	222
Halton	43	2575	38	2254	.....	....	5	374
Hastings	74	4831	51	2598	1	70	4	213
Huron	115	6881	89	5382	1	80	7	546
Kent	63	3604	55	2778	.....	....	2	128
Lambton	64	3639	55	2778	.....	....	3	164
Lanark	51	3327	46	2625	.....	....	.....	....
Leeds and Grenville	110	6832	79	4663	1	62	7	530
Lennox and Addington	54	3536	53	2868	.....	....	3	228
Lincoln	39	2424	44	2505	1	79	1	87
Middlesex	182	11146	96	5409	1	72	8	594
Muskoka	21	1175	9	399	.....	....	.....	....
Norfolk	54	3299	53	2956	.....	....	.....	....
Northumberland	109	6931	81	4783	2	126	9	663
Ontario	66	3860	63	3629	.....	....	6	499
Oxford	64	3648	74	4371	.....	....	4	313
Parry Sound	14	686	6	287	.....	....	.....	....
Peel	69	4325	35	1991	1	88	5	377
Perth	61	4541	44	2587	.....	....	1	88
Peterborough	48	2946	22	1267	1	69	.....	....
Prescott and Russell	38	2213	37	2111	.....	....	.....	....
Prince Edward	48	3346	21	1208	.....	....	4	306
Renfrew	40	2436	27	1513	.....	....	.....	....
Simcoe	89	5368	59	4399	.....	....	1	44
Stormont, Dundas and Glengarry	112	7204	88	5322	.....	....	1	85
Thunder Bay	.....	....	.....	....	.....	....	.....	....
Victoria	43	2536	30	1779	.....	....	2	132
Waterloo	45	3023	42	2445	.....	....	5	261
Welland	40	2457	35	2574	.....	....	1	164
Wellington	93	5748	86	5242	.....	....	6	284
Wentworth	68	4531	38	2254	7	362	3	186
York	93	5848	41	2385	8	465	24	1516
Total	2482	153457	1789	105176	30	1799	135	9391

TABLE K.—Deaths by Occupations.—*Continued.*

Hackmen.		Hunters and Fishermen.		Housewives.		Labourers.		Lumbermen.		Lawyers.		Milliners and Dressmakers.	
No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
						4	276						
1	61			50	2728	14	870	1	60				
		1	68	33	1526	10	561						
				37	1917	12	711	2	108	1	54		
				29	2138	8	350						
		1	51	35	1699	29	1420						
				49	2672	25	1295	1	60				
				41	2085	12	518						
				28	1337	12	592						
				23	1267	9	526	1	30				
				66	3538	42	2527	1	67	1	40	2	63
		2	91	46	2522	19	888			1	49		
		1	59	32	1516	10	591			1	48		
				20	84	19	930					2	68
1	45			27	1221	9	489					1	59
1	60	1	53	48	2612	18	921						
				30	1466	12	696			1	47		
		1	46	71	3748	40	1587						
		1	48	100	5536	50	3118			1	25	3	122
				11	414	4	184	1	30				
				27	1248	12	599	1	54				
		2	107	67	3729	32	1634			2	106	1	22
				62	2979	20	1095			1	54	1	25
		2	119	54	2918	12	589	2	66				
				4	179	4	214						
				27	1250	12	719						
				38	1977	20	943						
		1	48	30	1404	8	362	3	150			1	21
				26	1344	20	965						
1	58			26	1196	10	523						
				35	1895	12	684						
				41	2117	15	842					1	32
				39	1867	23	1098	3	117				
		3	125	2	68	13	610						
				33	1672	3	182			1	54	1	25
				60	3067	21	1014						
				40	2040	14	735			2	132		
				59	3168	12	712						
3	169			145	7886	62	3145					2	48
1	52			343	18747	124	6394			3	145	1	22
8	445	16	815	1934	105277	807	42109	16	742	15	754	16	507

TABLE K.—Deaths by Occupations.—*Continued.*

COUNTIES.	Masons.		Machinists.		Moulders.		Millers.	
	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
Algoma								
Brant	1	77			1	70		
Bruce	1	69						
Carleton								
Elgin								
Essex	1	66					1	38
Frontenac					1	42		
Grey							1	52
Haldimand	1	30					1	65
Halton							1	58
Hastings	1	33	4	155				
Huron	2	138						
Kent	1	57						
Lambton	1	48						
Lanark								
Leeds and Grenville			1	27			1	60
Lennox and Addington	1	65					2	82
Lincoln	1	31	1	23	1	26	1	58
Middlesex	3	184	2	82	3	117	1	73
Muskoka								
Norfolk	1	74					3	183
Northumberland and Durham	1	63	2	121			1	92
Ontario	2	138	1	23			1	46
Oxford	2	132	1	36			3	157
Parry Sound								
Peel	1	58						
Perth			1	29				
Peterborough								
Prescott and Russell								
Prince Edward	1	62						
Renfrew	1	80						
Simcoe	2	137						
Stormont, Dundas and Glengarry								
Thunder Bay								
Victoria	1	45					1	64
Waterloo	3	115						
Welland	2	166	1	51			1	48
Wellington	2	139	2	79			2	106
Wentworth	1	61	3	102				
York	7	372	1	27	4	163	3	162
Total	41	2440	20	755	10	418	24	1344

TABLE K.—Deaths by Occupations.—*Continued.*

Millwrights.		Miners.		Musicians.		Manufacturers.		Merchants.		Other Occupations.	
No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
1	47							4	220	9	549
								2	69	4	261
								3	182	3	138
										3	250
						1	90	1	47	5	242
								1	79	5	246
1	76							1	56	4	197
						1	41	1	42	1	67
								2	108		
1	43					1	46	2	98	6	300
								3	134	5	255
				1	32			1	47	4	64
								2	75	5	302
								2	83	3	120
								3	130	5	179
						2	107				
1	49							3	159	3	167
1	57			1	38	3	135	8	426	11	513
								1	48		
								1	41	3	151
1	110							7	407	4	160
								1	34	6	230
								2	86	7	277
										1	22
1	33							1	56	1	21
								2	93		
								2	72		
										1	64
								4	160	6	257
								1	53	1	24
		5	170								
1	64									1	44
						1	83	2	126	1	34
1	72							2	82	4	242
2	102							6	270	6	183
						8	387	7	348	10	514
2	123	1	40	4	214	6	263	27	1148	26	1318
13	776	6	210	6	284	23	1152	105	4979	154	7391

TABLE K.—Deaths by Occupations.—*Continued.*

COUNTIES.	Painters.		Printers.		Pumpmakers.		Pedlars.	
	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
Algoma.............	......	....	......	....	......	....	......	....
Brant	1	75	......	....	1	36	......	....
Bruce	......	....	......	....	......	....	......	....
Carleton..............	......	....	......	....	......	....	......	....
Elgin	1	24	......	....	......	....	......	....
Essex	1	33	......	....	......	....	......	....
Frontenac	......	....	......	....	......	....	1	43
Grey	1	53	......	....	......	....	......	....
Haldimand	......	....	1	44	1	64	......	....
Halton	1	72	......	....	......	....	......	....
Hastings..............	1	22	......	....	......	....	......	....
Huron	......	....	......	....	......	....	......	....
Kent	3	127	......	....	......	....	......	....
Lambton	......	....	......	....	......	....	......	....
Lanark	......	....	......	....	......	....	......	....
Leeds and Grenville	1	62	......	....	......	....	......	....
Lennox and Addington ...	......	....	......	....	......	....	......	....
Lincoln	1	37	......	....	......	....	......	....
Middlesex	2	93	......	....	......	....	......	....
Muskcka	......	....	1	47	......	....	......	....
Norfolk	......	....	......	....	......	....	......	....
Northumberland and Durham.............	1	32	......	....	......	....	......	....
Ontario	......	....	......	....	......	....	......	....
Oxford	......	....	......	....	......	....	1	69
Parry Sound...........	......	....	......	....	......	....	......	....
Peel	......	....	......	....	......	....	......	....
Perth	......	....	1	28	......	....	......	....
Peterborough..........	1	37	......	....	......	....	......	....
Prescott and Russell ...	......	....	......	....	......	....	......	....
Prince Edward.........	......	....	......	....	......	....	......	....
Renfrew	1	62	......	....	......	....	......	....
Simcoe...............	......	....	......	....	......	....	......	....
Stormont, Dundas and Glengarry	1	48	......	....	......	....	......	....
Thunder Bay...........	......	....	......	....	......	....	......	....
Victoria	......	....	......	....	......	....	......	....
Waterloo	......	....	......	....	......	....	......	....
Welland	1	21	......	....	......	....	......	....
Wellington............	1	74	1	23	1	43	......	....
Wentworth	4	145	2	108	......	....	1	61
York	7	261	5	195	......	....	......	....
Total................	30	1278	11	445	3	143	3	173

TABLE K.—DEATHS BY OCCUPATIONS.—*Continued.*

Plasterers.		Paupers.		Physicians.		Public Officials.		Provincial Land Surveyors.		Railroad Employees.		Sawyers.	
No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
		1	106										
						1	72						
		1	101			2	165						
1	28	1	60										
		2	122	2	104								
		2	121	1	79	1	52					2	138
				1	74	1	87					1	30
		1	67	1	23	2	107						
1	28					2	152						
				2	145								
										6	156		
				2	97			1	43	1	42		
				3	150	1	61						
				1	33	4	246						
1	75	3	179	2	106			1	70	5	201		
				1	52	2	140						
				2	102	1	66			2	49		
						1	68			1	26		
1	69			1	39	1	68						
				1	36					1	36	1	28
1	54											1	40
1	66												
		1	87	1	32								
1	47	1	80			1	59						
		2	157	2	75					4	149		
1	28	7	380			2	144						
		2	115			1	71			6	187		
				2	161	1	69	1	45	1	57		
				1	79	3	216			2	68		
2	90	2	146	2	106	14	773	1	64	8	269		
10	485	26	1721	28	1493	41	2616	4	222	37	1240	5	236

TABLE K.—Deaths by Occupations.—*Continued.*

COUNTIES.	Stonecutters.		Shoemakers.		Sailors.		Saddlers and Harnessmakers.	
	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
Algoma								
Brant			3	193			1	61
Bruce			1	53	2	143	1	59
Carleton	1	28	1	65			1	44
Elgin			1	29				
Essex	2	143			4	200	2	68
Frontenac	3	185	2	114	1	28		
Grey								
Haldimand								
Halton			3	232	1	28		
Hastings			3	160			3	133
Huron			3	169				
Kent			2	134	1	41		
Lambton			2	72			1	24
Lanark			1	78				
Leeds and Grenville			2	124			1	41
Lennox and Addington			1	43				
Lincoln	3	91			3	146		
Middlesex	1	47	7	457			2	116
Muskoka								
Norfolk			2	119	1	23		
Northumberland and Durham			1	75	3	163		
Ontario			5	259			1	104
Oxford							1	33
Parry Sound								
Peel			1	22				
Perth			3	100				
Peterborough			2	89				
Prescott and Russell							1	78
Prince Edward					1	70		
Renfrew			2	109				
Simcoe			3	186	1	52		
Stormont, Dundas and Glengarry	1	49	4	271				
Thunder Bay								
Victoria								
Waterloo			2	102				
Welland	3	132	4	201	2	66		
Wellington	2	86	3	192			2	63
Wentworth			4	190	2	96	2	117
York	4	132	9	523	3	139	2	59
Total	20	893	77	4361	25	1195	21	1000

TABLE K.—Deaths by Occupations.—*Continued.*

Seamstresses.		Servants.		Tinsmiths.		Teamsters.		Tavern Keepers.		Tobacconists.	
No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
		1	35	1	34						
								1	31		
		1	70					1	51		
								1	40		
								1	54		
		8	349			1	40	1	23		
		1	55					1	52		
								1	57		
2	52			1	47			1	53		
		1	45					1	48		
		2	69					1	33		
		1	40	1	39	1	45				
						1	57	1	53		
1	84	1	28	1	54						
1	28	2	76	2	88			2	103		
1	68			1	70						
1	26	4	213	3	133	1	34	1	53		
3	82	4	251			1	68	4	152		
		1	22								
		1	43					1	67		
		3	75			1	73	3	113		
								2	127		
		2	104	1	76			2	115		
		2	135					4	220		
2	47			3	81			2	83		
		1	45					2	87		
				1	72						
2	62							1	30		
		2	62					4	195		
		7	357			1	50	2	168		
1	26										
		1	72			1	56	3	163		
		1	26			1	42	2	56		
		3	107			1	43				
4	135	12	448	1	54	1	52	4	211		
4	141	46	1868	3	164	2	103	8	426		
22	751	108	4595	18	912	13	663	58	2864		

TABLE K.—Deaths by Occupations.—*Continued.*

COUNTIES.	Teachers.		Telegraph Operators.		Tailors.		Tanners.	
	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.
Algoma								
Brant	1	25			3	165		
Bruce					1	68		
Carleton	3	147			1	56		
Elgin					1	77		
Essex	1	36			1	41		
Frontenac					2	150		
Grey								
Haldimand					1	71		
Halton	1	78	1	26	1	47		
Hastings	1	30	1	22			1	77
Huron	2	78			1	62		
Kent	3	70			1	58		
Lambton					4	218		
Lanark	2	129						
Leeds and Grenville	1	60			1	55		
Lennox and Addington					2	124		
Lincoln					4	209		
Middlesex	2	103			5	258		
Muskoka								
Norfolk								
Northumberland and Durham	4	195	..		3	157		
Ontario	1	26	1	23	2	114	3	93
Oxford	1	21						
Parry Sound								
Peel	4	146			1	49		
Perth	1	30			2	151		
Peterborough	1	29			1	57	1	39
Prescott and Russell								
Prince Edward	1	68						
Renfrew								
Simcoe	1	83			1	60		
Stormont, Dundas and Glengarry	1	31			1	64	1	58
Thunder Bay								
Victoria								
Waterloo	1	22			2	145		
Welland					2	139		
Wellington	5	231			1	27		
Wentworth	4	138			7	308		
York	3	169			11	561		
Total	45	1945	3	71	63	3491	6	267

TABLE K.—Deaths by Occupations.—*Concluded.*

Undertakers.		Volunteers and Soldiers.		Watchmakers.		Weavers.		Total No. of Deaths.	AGE.	
No.	Total Ages.	No.	Total Ages.	No.	Total Ages.	No.	Total Ages.		Aggregate.	Average.
								8	492	61.66
		1	76					183	10560	57.74
								204	11256	55.12
		2	149					179	10226	57.12
								130	8163	62.78
1	25	1	60					187	10217	54.63
		3	174					203	11436	56.63
						1	92	232	13190	56.85
						1	71	131	7463	54.68
								144	8395	58.29
		4	236					295	16489	55.89
						1	88	311	18001	57.88
		1	83			1	98	193	9968	51.64
		4	267			1	79	201	9408	46.80
		1	94			4	263	159	9042	56.86
		4	316			2	161	311	18112	58.23
		2	171					173	10048	58.08
		5	279					252	13152	52.15
		5	375			1	71	566	32344	57.14
								50	2344	46.88
								166	9222	55.55
		1	70			2	106	374	21908	58.57
		1	71					268	14512	54.15
		2	127	1	31			259	14459	55.80
								29	1388	47.86
								168	9585	57.05
								192	11282	58.76
		1	70			2	133	139	7470	53.72
						1	74	133	7342	55.20
								122	7307	59.89
						1	68	125	7159	57.27
		3	221			3	229	252	15224	60.41
						2	167	306	17922	58.56
								25	1055	42.20
		1	84					127	7065	55.62
						1	57	212	11952	56.37
		2	140	2	103	1	68	186	10755	57.82
		2	173			1	84	319	18236	57.16
		2	156	2	77	3	151	453	24514	54.11
2	73	11	662	3	110	2	124	987	51994	52.68
3	98	59	4054	8	321	31	2184	8954	500667	56—nearly.

Some occupations are directly injurious and produce atmospheric conditions which give rise to diseases of the respiratory organs and sometimes of the system generally. Other occupations are more or less indirectly injurious, in a variety of ways owing to the want of exercise in the open air, or, it may be, to the excessive or irregular exercise which they entail. These diseases from both of these sources gradually develop and produce death more or less prematurely.

If we subtract from the whole number of deaths registered (20,053), those who died under 21 years of age and also those whose ages and occupations were not given, there will remain 8,954 whose pursuits in life are registered.

Former tables have only given the age and occupation of these persons. This year a table has been prepared giving the disease which caused their death, by which it will be seen that the ten principal causes of death are as follows :—

Old Age.........930 or 17.7 per cent. of the total number of deaths in the table,
Phthisis ....899 or 17.1   "   "   "   "
Heart Disease...307 or 5.8   "   "   "   "
Apoplexy   and
    Paralysis ....302 or 5.7   "   "   "   "
Pneumonia......265 or 5.0   "   "   "   "
Fever ....241 or 4.6   "   "   "   "
Accident........191 or 3 6   "   "   "   "
Debility ....143 or 2.7   "   "   "   "
Cancer   ....142 or 2.7   "   "   "   "

Housewives and farmers' wives, their occupation not being easily defined, have been omitted from the table of causes of death by occupations, as well as have persons to the number of 303, the cause of whose death is not reported to the Department, leaving 5,231 workers of whom the cause of death has been specified.

Of the 2,482 farmers whose deaths are recorded, 623 or 11.9 per cent. died of old age. Soldiers come next with 25 out of 59 deaths or 42 per cent., but among them quite a number of old pensioners of the British army are included. Gentlemen, by which is here meant men of independent means, are next in order with 49 out of 135 or 136 per cent., but doubtless most of them followed some occupation or profession during their lifetime. Weavers have in former reports been noted for their longevity, and their deaths from old age in this table bear out their claim to be a long lived race, though their numbers are few. Their record is 10 deaths out of a total of 31 or 31 per cent.

The number of deaths from phthisis amongst farmers appears large. It must, however, be borne in mind that they compose a very large portion of the population of this Province, and it therefore does not follow that, as a class, they are more liable to this particular disease than persons of other occupations, but rather the reverse, as will be seen by the following statement :—

	No. of Deaths from all causes.	From Phthisis.	Rate per cent.
Farmers	2,482	366	14.7
Labourers........................	803	141	17.4
Carpenters.......................	133	28	21.0
Merchants.......................	115	30	27.2
Servants	108	30	28.5
Book-keepers and Clerks	93	28	30.1
Teachers	45	15	33.3

In heart disease tailors shew the largest ratio, giving 10 out of 63 deaths or 15 per cent.; shoemakers next, 8 out of 77 deaths or 10 per cent.; gentlemen, 13 out of 135 or 9 per cent ; servants, 7 out of 108 or 7 per cent.; labourers, 51 out of 802 or 6 per cent. Farmers, although numerically shewing the largest return, give the smallest percentage, being 126 out of 2,482 deaths or 5 per cent. It is advisable to again repeat the words of the Annual Report for the last year in reference to these tables of death by occupations, viz.:—

" That it is necessary, in order to understand the correct bearing of the tables, to remember the comparative number of the population who died while engaged in each occupation." The average age of the persons dying from various diseases enumerated in this table is 56.

Death by Occupations.

OF AND OVER THE AVERAGE AGE, 56 YEARS.

Occupations.	No.	Average.	Occupations.	No.	Average
Weavers	31	70	Masons	41	59
Gentlemen	135	69	Millwrights	13	59
Soldiers	59	68	Farmers' wives	1789	58
Paupers	26	66	Pedlars	3	58
Public Officials	41	63	Brewers	1	57
Coopers	17	62	Millers	24	56
Clergymen	31	61	Contractors	19	56
Farmers	2482	61	Shoemakers	77	56
Brickmakers	6	60			

UNDER THE AVERAGE AGE.

Occupations.	No.	Average.	Occupations.	No.	Average
Gardeners	30	55	Sailors	25	47
Hackmen	8	55	Saddlers and Harness-makers	21	47
Tailors	63	55	Sawyers	5	47
Provincial Land Surveyors	4	55	Bricklayers	13	46
Housewives	1934	54	Dentists	6	45
Carpenters	133	54	Lumbermen	16	45
Manufacturers	23	54	Stone-cutters	20	44
Physicians	28	53	Tanners	6	44
Labourers	807	52	Agents	19	43
Tinsmiths	18	52	Teachers	45	43
Teamsters	13	51	Servants	108	42
Miners	6	51	Book-keepers and Clerks	93	42
Butchers	25	50	Painters	30	42
Cooks	4	50	Moulders	10	41
Hunters and fishermen	16	50	Watch-makers	8	40
Lawyers	15	50	Editors	2	40
Blacksmiths	54	49	Printers	11	40
Cabinet-makers	23	49	Artists	3	38
Engineers	22	49	Machinists	20	37
Tavern-keepers	58	49	Bakers and Confectioners	16	36
Carriage and Waggon-makers	25	48	Barbers	4	35
Other occupations	154	48	Chemists and Druggists	9	35
Plasterers	10	48	Seamstresses	22	34
Bankers	1	47	Railroad Employees	37	33
Musicians	6	47	Undertakers	3	32
Merchants	105	47	Milliners and Dressmakers	16	30
Pump Makers	3	47	Telegraph operators	3	23

27.7 per cent. of the whole number whose occupations are given were husbandmen, and 27.6 per cent. of the remainder were farmers' wives. The average age of the farmers was nearly 62, that of their wives 59.

The ten occupations which give the highest average age and the ten lowest at the time of death are given below :—

	No.	Average age.
Weavers	31	70
Gentlemen	135	69
Soldiers	59	68
Paupers	26	66
Public officials	41	63
Coopers	17	62
Clergymen	31	61
Farmers	2482	62 nearly
Brickmakers	6	60
Masons	41	59

Lowest Average Age.

	No.	Average age.
Telegraph operators	3	23
Milliners and dressmakers	16	30
Undertakers	3	32
Railway employees	37	33
Seamstresses	22	34
Chemists and druggists	9	35
Barbers	4	35
Bakers and confectioners	16	36
Merchants	20	37
Artists	3	38

The average age reached by members of the three professions, divinity, law and medicine, was 55 against 52 last year.

Masons, shoemakers, tailors and carpenters, averaged the age of 55 at the time of their death.

The visits of the Inspector during 1876 resulted in not a little good, clergymen, medical men and others whom he interviewed having evidently acted upon the suggestions he then made, and doubtless the more their value is recognized the more fully will they be followed.

These visits have been continued this year, about 120 having been made, principally in the rural parts. It will be readily understood that the more central localities do not require as close supervision.

The order issued last year by the Postmaster-General to the several postmasters in the Province, that they should take charge of the necessary forms, has also been productive of good, those desiring to make returns having ready access to them when required for use.

For full returns the Registrars of the Cities of Belleville, Brantford, London, Hamilton and Toronto, the Towns of St. Thomas, Woodstock, Brampton, Orillia, Cornwall and Pembroke, the Village of London East, the Townships of Colchester, Trafalgar, Brock, Clarence and Waterloo deserve special commendation.

In conclusion I must call attention to the accompanying appendix, embracing notes on the weather and health in Toronto, Kingston and Stratford, for the year 1877, accompanied by plates shewing the changes in each week during that year, for which interesting information this Department is indebted to Mr. Thos. H. Monk, of the Meteorological Office, Toronto.

All of which is respectfully submitted.

ARTHUR S. HARDY,
Registrar-General.

H. S. CREWE,
Inspector.

DEATHS BY OCCUPATIONS—SHEWING THE CAUSE OF DEATH.

	Abscess	Accident	Apoplexy and Paralysis	Asthma	Bladder, Disease of	Bowels, Disease of	Brain, Disease of	Bronchitis	Cancer	Cholera Morbus	Consumption	Debility	Drowning	Diabetes	Diarrhœa	Diphtheria	Dropsy	Dysentery	Enteritis	Epilepsy	Erysipelas	Fever	Gangrene	Gastritis	Gravel	Heart, Disease of	Hemorrhage	Hernia	Insanity	Intemperance	Jaundice	Kidneys, Disease of	Liver, Disease of	Lungs, Disease of	Murder	Old Age	Peritonitis	Pneumonia	Pleurisy	Rheumatism	Spine, Disease of	Stomach, Disease of	Suicide	Small Pox	Tumour	Ulcer	Other Diseases	TOTAL
Agents			1				1		1		3	1						1	1	1		4					1											1		1								19
Artists		1					1				1															2														1	1							3
Brickmakers			1						1		2																																					6
Blacksmiths	1	2	3				1	2			6	1	1				4	1			1	6	1							1		3	1			6		5				1					4	54
Brewers			1																																													1
Bricklayers		1	13				1				2	1	1						1			1											2					2										13
Barbers			4								4																																					4
Butchers	1	1	3					2			3											2	1	1												6							1	1				25
Book-keepers and Clerks	1	1	2		1		1	1	2		36	1	1	1	1	1	2		2	1		7	1			4	1					3	1	4		4	1	4			1	2	3				2	93
Banker																						1														1												1
Bakers and Confectioners	1	1									5	1										1				3	1									3		3										16
Carpenters		5	6		1	2	1	1	7		28	4					2		2		1	13	1		2	7	2			1	3	5	2	5	1	9	3	8	1	3		2	3				1	133
Cabinetmakers		2					1				9	1							1		2	1				2				1		2	1			2	1	2										23
Coopers			1								1						1				2															4		1					1					17
Cooks			1																																	1											1	4
Chemists and Druggists							2			1	4											2																										9
Clergymen			3				1	3	1	1	4		1				1			1		2								1	1		1			5				1	1							31
Contractors			2																1			2											1			4		6										19
Carriage and Waggon Makers		2	2		1	1	2		1		9											1				1					1		1			1											4	25
Dentists		2	3								2		1										1								1	1				2	1				1							6
Engineers							1				1								3			1				1										2												22
Editors																																																2
Farmers	13	79	152	18	9	14	45	32	72	12	366	78	18	9	20	3	78	20	33	9	16	75	10	11	20	126	15	1	8	10	3	41	53	41	4	623	9	113	7	23	15	23	17	2	5	3	128	2482
Gentlemen		6	17	2	3	1	5	4	2		5	8	1				1					13	1			13	1					4	1	3		49	4	2	1	1		2	1					135
Gardeners			2								3	1		1						2		1				1								3		7		2			2							30
Hackmen											2	2									1	1				1										1		1		4							2	8
Hunters and Fishermen		1	1						1		2		6																																		2	16
Labourers	5	35	35	5	7	2	13	12	20	4	141	12	24	2	9		15	4	5	10	7	48	4			51	6	2		18		5	18	26		73	9	44	4	4	2	8	15	7	2	1	88	802
Lumbermen		4					1	1	1		3		4									3											1			1					1							16
Lawyers							2				6								1											2			1	2													1	15
Milliners and Dressmakers		1	2								9										1	2				1						1	1	3				3									3	16
Masons	1	1	5		2		2				5	2				1						2								1	1		1			8		4				2						41
Machinists								1			4						2	1			1	2																										20
Moulders		2	2	3	1						5						1		1		1	1																										10
Millers		1	2				1		1		4	1								1		2										1	1	1		5				1							2	24
Millwrights		1																		1		2			1					1	1	1			1										1	2	13
Miners											1										1											1		1														6
Musicians											2											2									1					1												6
Manufacturers		6	23			2	6	1	7		2		1	1			1		1	2	1	2				2						2	3	4		9		2		8	1			1			3	110
Merchants		6	13				6	1	7		30	3	2	1				1		2	1	7		2	1	20	1					2	3	4		18	3	5		8	1			1			23	154
Other Occupations		2	2				2	2	4		29	3	1			2	2		1	2	2	6	2	2	2	20	1				3	1		7													23	110
Printers	1								3		9	5								1		3		2	1	2			1	2	1	1		1		1		1		2					1	1	3	30
Painters											5																				2	1	1															11
Pedlars											2										1	1				1	1									1												3
Plasterers		3									1											1				1							7			7		1		1						2		10
Paupers		1							1		2	8							1			1		1			1									1		1						1		1		26
Physicians			2						2		3					1					3	4		1	1	2						2	3			1		1									1	28
Public Officials		2	4		2		2		1		3	1						2		1		4		1	1	4						2	2	1		7		4		2								41
Provincial Land Surveyors																																				1												4
Pump Makers															1																			1														3
Railroad Employees		15	1				1				4						1				1	2	4			3	1						1			3												37
Sawyers		1									2												1			1																						5
Stone Cutters								1	2		3						3					5	2			8						1		2		1				2	1					1	4	20
Shoemakers	1	4	7	3	2	1	1	1	1	1	11	4	1				3				1	5	2			8				1			2			11		1		2	1					2	1	77
Sailors		1	1						1	1	5	1	5				1	1				2				3								1		2							1				1	25
Saddlers and Harness Makers			1								10						3					2											1			4										1	1	21
Seamstresses											10	3					2		2	6		6				8	3	1		1		1	2	2		8	4	6		2		2		2	1	6		22
Servants		2				1	1		4		30	3					2			2	6									1			1	1			1		3				1	6		108
Tinsmiths			1	1							5		1				2					1				1				1			1	1				3				1						18
Teamsters		1	3		1		1	1			3											1				2				1			1					2								1		13
Tavern Keepers		1	4		1	1	1	1	1	1	17	1	2				1					6	1			2				1	1	2	2	3		2	1	3		1	2	1	1		1		4	58
Teachers									2		15						1		1			2								1		2	2	1	1	5		3										43
Telegraph Operators											2											1																									2	3
Tailors		4	4	1	1		4		1		9						1					3	1			10						2	1	3		6	1	4		6	1							63
Tanners											2											1				1										2				1								6
Undertakers																																				1				1								3
Soldiers	1	1	1	2				2	2		6	1	1				2				1	1				2				2	2	2	2			25		3		3							4	59
Weavers		2							2		4	1								2		2	1			1					1	2	1			10		1		1								31
Watchmakers and Jewellers											1																									3				2								8
	24	191	302	34	33	28	100	70	142	21	899	143	73	18	38	6	130	33	65	40	29	241	28	22	26	307	34	5	8	43	21	81	112	123	7	930	37	265	18	47	24	46	48	13	16	7	303	5231

APPENDIX.

APPENDIX

TO THE

REPORT OF THE REGISTRAR-GENERAL

OF THE

PROVINCE OF ONTARIO,

FOR THE YEAR 1877.

To the Honourable the Registrar General of Ontario :—

Sir,—I have the honour to enclose herewith a few notes on the weather and health in Toronto, Kingston and Stratford during the year 1877, with plates shewing the changes for each week in the year. A comparison has also been made between the results for Toronto, as given in your last report, and those for 1877.

Before entering directly upon this subject, it will probably be better to compare the total death rate and the deaths from each class of disease under review in the three places. The deaths per thousand were as follows : Toronto, 23.6 ; Kingston, 17.2 ; and Stratford, 9.2, or a death rate of 1 in 42, 1 in 58 and 1 in 107 respectively, the population in each place, as furnished me, being Toronto, 67,386 ; Kingston, 13,253 ; and Stratford, 8,442.

The death rate in Toronto differs very little from that of last year, but at Kingston it appears rather low ; while the returns from Stratford show that it is either an extremely healthy place, or that the registration there is not yet perfect.

The percentage of deaths from the various classes of diseases is as follows :

Class of disease.	Toronto.		Kingston.	Stratford.
	1876	1877	1877.	1877.
Miasmatic.................................	25.3	25.1	20.2	21.5
Tubercular....................................	13.5	14.4	15.8	20.3
Nervous......................................	12.6	11.9	11.4	7.6
Respiratory organs...........................	12.4	11.4	14.9	10.1
Developmental Diseases of children..	9.7	11.1	9.2	3.8
Total from these classes......................	73.6	73.8	71.5	63.3
Ages under 1......................	32.1	28.8	16.7	20.3
1 to 5...	14.2	14.2	12.7	11.4
Total under 5....	46.3	43.0	29.4	31.6

The facts regarding the weather in Toronto are taken from the records of the Magnetic Observatory. The mean of the rain and snow-fall is calculated from 25 year's observations commencing in 1853, and of the normals the temperature and humidity are those calculated and used for comparison with the daily record. The means for Stratford are taken from the 13 year's observations commencing in 1865. The normal temperature is that calculated from observations taken from 1861 to 1869 inclusive, by C. J. Macgregor, M.A., as published in the *Canadian Journal* for 1869. The data regarding the weather at Kingston is obtained from the records furnished to the central office of the Meteorological service by the observer S. Woods, M.A., since 1874, when the station was first established, the observations being taken at 7.25 a.m., 4.25 p.m., and 10.50 p.m., Toronto mean time. In order to obtain an approximation to the true mean, a much longer series of observations is needed. It would undoubtedly be of much greater service if statistics could be obtained for a long period in each case (both as regards the death rate and the weather), and the differences from the average shewn. It is, however, merely intended in this paper to draw attention to a few prominent facts, and not to make special deductions from insufficient data, as they would prove of little value and only tend to mislead.

The main object is to point out any features which shew that there is a connection between weather and health so as to draw public attention to the fact that in order to investigate so important a subject, data regarding the state of health is required.

The curves representing the weather and the mortality from the various causes at the different places are appended. The data upon which these curves are constructed is also appended and forms table M of this report.

The curve shewing the deaths in Toronto from diseases of the miasmatic class re-sembles that for 1876 with the following exceptions : The maximum occurs much earlier, and the death rate remains for a larger period above the average. The secondary maxi-mum in September appears to coincide with the remarkably dry weather, which is accom-panied with high temperatures. As was the case last year, the deaths when the curve reaches its highest point occurred principally from cholera infantum and diarrhœa, the number of deaths from these causes being 10 and 8 respectively. The deaths from dis-eases of this class which exceeded those in 1876 were from the following causes, which are placed in the order of their degree of excess : Diphtheria, scarlet fever, diarrhœa,

fever, cholera infantum, remittent fever, small pox, scarlatina, influenza, measles and erysipelas. The causes from which the deaths were lower than in 1876 were whooping cough, dysentery, typhoid fever, cholera, rheumatism, croup and metria. It is remarkable that only five deaths were registered from whooping cough in the year under review, while there were 50 in 1876. It is difficult to account satisfactorily for this great change.

There is no marked feature in the miasmatic curve for Kingston, except it be the absence of deaths during the latter portion of the year.

The curve shewing the deaths from tubercular diseases in Toronto reaches its maximum in the second week in May, and is above the average from the latter portion of January up to that date, with the exception of the last weeks in March and April. The next highest points are reached in the first week of February and the third week in March.

There is no feature worthy of note in the curve which represents this class of disease for Kingston.

In Toronto, the year opens with a death rate from nervous diseases far above the average but it then decreases rapidly. The maximum occurs in the third week in April. During the larger portion of September the death rate is very high.

At Kingston, the highest point is reached in February, and no deaths occur in September and October from nervous diseases.

The curve shewing the mortality from diseases of the respiratory organs shews the most intimate connection with the weather this year. In Toronto we find that it is above the average, with one exception, till the end of March, and to some extent shews a connection with the curve of temperature, as when the temperature is below the average the death rate is above. This was also the case in 1876. In the curve for Kingston the connection is not so well marked, but it can be seen that when the temperature is above the average the death rate is undoubtedly lower ; out of the seven deaths in Stratford recorded in this class, six occurred when the temperature was very much below the normal, and the other when the temperature was falling rapidly.

The curve representing the deaths from the developmental diseases of children in Toronto, reached its highest point in the 1st week in August and was also high in the last week in September. The greatest number of deaths again occurred when the temperature was above the normal, or shortly after, and the death rate was lower when the temperature was below the normal. The only deaths recorded in Stratford in this class would also appear to be under the same influence, as two of the cases occurred when the temperature was above the average, and the other when it was but slightly below, and had been very much above.

It will be seen that the data regarding the mortality at Kingston and Stratford are entirely inadequate for obtaining satisfactory results. In future discussions it will probably be found better to divide Ontario into districts in which the climate may be said to be the same.

The advantage of obtaining weekly statistics for comparing the influence of weather on health is now almost universally recognized. In fact, in all the principal cities in the world this system is carried out, and we are rapidly approaching the time when every civilized country will acknowledge the necessity of a similar system for registering the state of health. It is already being accomplished to some extent, but the vast importance of the subject remains yet to be seen. In London, New York and some other cities, the prevalence of certain diseases is reported by the physicians, but the practice is not carried out in all cases. There is no satisfactory reason why physicians should not report concerning every disease which comes under their notice. The real value and importance of this will be appreciated by every one who gives attention to the subject. We feel assured, however, that the time will come when we shall be able to say how far the course of disease is influenced by the prevailing atmospheric conditions. There appears to be no difficulty which could not be surmounted in order to obtain so desirable an end. If physicians would only report once a week the cases which come under their notice, and state the progress of the disease according to some plan to be decided upon—say for instance, using a scale of 0 to 10, to represent the course of the disease—0 being perfect health, and 10 death or no hope of recovery— much might be done. This is by no means all that is required ; but once commence such a system, and experience will suggest improvements, while the benefit will be apparent to every one.

Let us give one or two instances which will illustrate what we are endeavouring to point out. It is well known that, on this continent, diseases incidental to childhood are most fatal when the weather is very hot and dry. This fact was referred to in your report for 1876, where the great increase in the number of deaths in Toronto in August (which was an exceptionally hot and dry month) is shown. Another may be seen in the following table (taken from published reports for New York), which shews the deaths during the most fatal weeks in the years mentioned. It will be seen that when the mean temperature is above 80 degrees the number of deaths is largely increased.

Year.	Week.	Total deaths.	Total deaths under 5 years of age.	Mean temperature.
1867	32nd	708	457	75
1868	29th	1,142	706	88
1869	28th	726	501	76
1870	29th	1,040	646	82
1871	28th	822	504	79
1872	27th	1,591	1,007	84
1873	30th	944	629	79
1874	30th	861	590	75
1875	29th 30th	934 939	648 637	75 73
1876	28th	1,293	865	84

Now, if a warning of the approach of abnormally high temperatures were sent to physicians, might not precautions be taken to mitigate their effects ?

Again, when the temperature is much below the average, the deaths from pneumonia and other kindred diseases increase very rapidly. Would not a knowledge that a cold atmospheric wave was approaching, be of great service to persons afflicted with such diseases ?

These are cases in which the mortality is well known to be influenced by the weather. The deaths from other diseases are also known to be above or below the average, according to certain atmospheric conditions.

This is a subject which will always have a living interest for those who suffer from diseases excited or influenced by atmospheric changes; but when death occurs, it is apt to be forgotten by the survivors, or does not receive that attention which it deserves. It should, however, be borne in mind that the desired end is not to be attained by the study of a few isolated facts, or the data for one or two years ; but by a rigid and close comparison of observations extending over a long series of years. The cost of such a system is not to be compared with the benefits to be derived from the results of an analysis of the information gained thereby. The subject is truly one of vital importance, and, as such, it is to be hoped, will receive the attention it unquestionably merits. It has been said that the study of the science of meteorology is " worthy of the energies of a great nation," surely the same may be said of this branch of it.

THOS. H. MONK.

TABLE M.—Shewing the Ages and Causes of Death of the persons who

DATE.	Sex.	AGES.												Age not given.	Total.
		Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.		
January 1 to 8........	M	6	2	....	2	....	....	1	1	4	1	....	......	2	19
	F	6	4	....	1	3	....	3	....	4	1	1	......	......	23
	Total	12	6	....	3	3	....	4	1	8	2	1	......	2	42
" 8 to 15........	M	3	3	1	3	1	....	1	1	2	....	....		1	16
	F	1	5	4	3	1	3	....	3	....	1	2	......	......	23
	Total	4	8	5	6	2	3	1	4	2	1	2	......	1	39
" 15 to 22...	M	5	1	....	....	1	....	2	1	2	....	....			9
	F	4	4	1	2	1	1	1	....	2	1	1	....	......	20
	Total	8	5	1	2	2	1	3	1	4	1	1	....	......	29
" 22 to 29......	M	7	1	3	2	1	2	2	1	1	....	....			20
	F	5	4	1	1	3	1	....	2	1	....	1	......	3	22
	Total	12	5	4	3	4	3	2	3	2	....	1	......	3	42
" 29 to Feb. 5....	M	4	2	....	3	....	3	3	2	....	....	1	......	2	20
	F	4	1	3	1	3	1	1	....	1	....	....	......	......	15
	Total	8	3	3	4	3	4	4	2	1	.....	1	......	2	35
February 5 to 12........	M	4	5	1	1	3	3	1	2	....	1	1	......	2	24
	F	5	....	.....	1	1	2	2	....	....	1	....	......	......	12
	Total	9	5	1	2	4	5	3	2	....	2	1	......	2	36
" 12 to 19........	M	3	2	1	....	....	1	2	....	1	1	1	......	......	12
	F	4	5	....	2	1	3	2	....	1	....	....	......	1	19
	Total	7	7	1	2	1	4	4	....	2	1	1	......	1	31
" 19 to 26........	M	4	2	1	1	1	3	4	....	2	1	....	......	......	19
	F	4	4	2	1	1	5	....	....	1	....	1	......	......	19
	Total	8	6	3	2	2	8	4	....	3	1	1	......	......	38
" 26 to March 5..	M	1	5	....	....	....	3	....	....	....	1	1	....	......	11
	F	2	2	....	....	2	1	....	1	....	2	....	....	1	11
	Total	3	7	....	....	2	4	....	1	....	3	1	.....	1	22
March 5 to 12........	M	2	1	....	....	....	1	4	....	1	....	2	......	......	11
	F	6	5	....	1	....	3	2	....	1	....	....	......	1	19
	Total	8	6	....	1	....	4	6	....	2	....	2	......	1	30

died in the City of Toronto during the year ending 31st December, 1877.

MIASMATIC.

Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Erysipelas.	Metria (or Puerperal Fever).	Influenza.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.
																1		1
		2	1		1				1							1		6
		2	1		1				1							2		7
	1					2											1	4
		1	3			1	1						1			2		9
	1	1	3			3	1						1			2	1	13
														1				1
		1											1			1	2	5
		1											1	1		1	2	6
			1													3		4
												1		1		4		6
			1									1		1		7		10
										2						1		3
1		1														2		4
1		1								2						3		7
		2														1	1	4
																		0
		2														1	1	4
						1										1		2
													1		1	2		4
						1							1		1	3		6
			1	1											1		2	5
													1			4		5
			1	1									1		1	4	2	10
																2		2
		1				1				1						1	1	5
		1				1				1						3	1	7
																2		2
		1																1
		1														2		3

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
March 12 to 19	M....	1	2	1	....	....	1	2	....	2	....	....	....	....	9
	F	6	1	....	2	2	....	....	....	1	1	....	....	....	13
	Total	7	3	1	2	2	1	2	....	3	1	....	....	....	22
" 19 to 26	M....	....	1	....	....	3	1	4	5	....	....	....	....	....	14
	F	2	6	....	....	1	....	3	3	....	....	1	....	1	17
	Total	2	7	....	....	4	1	7	8	....	....	1	....	1	31
" 26 to April 2	M....	4	4	....	2	1	....	1	4	....	1	1	....	....	18
	F	4	6	....	1	1	4	....	....	....	1	....	....	1	18
	Total	8	10	....	3	2	4	1	4	....	2	1	....	1	36
April 2 to 9	M....	4	5	1	1	1	3	....	1	1	....	2	....	....	19
	F	2	7	....	....	1	2	1	1	1	....	....	....	3	18
	Total	6	12	1	1	2	5	1	2	2	....	2	....	3	37
" 9 to 16	M....	3	....	2	....	1	2	1	1	2	1	....	....	1	14
	F	2	2	1	....	3	....	3	1	1	1	....	....	....	14
	Total	5	2	3	....	4	2	4	2	3	2	....	....	1	28
" 16 to 23	M....	4	4	2	....	3	2	2	1	2	....	....	....	....	20
	F	4	2	2	1	1	1	1	1	2	....	1	....	2	18
	Total	8	6	4	1	4	3	3	2	4	....	1	....	2	38
" 23 to 30	M....	5	2	2	1	1	....	1	1	2	....	....	....	....	15
	F	3	1	....	....	....	1	4	1	1	1	....	....	1	13
	Total	8	3	2	1	1	1	5	2	3	1	....	....	1	28
" 30 to May 7	M....	1	3	2	2	....	....	....	3	2	....	....	....	....	13
	F	8	4	3	2	3	2	1	....	....	1	....	....	....	24
	Total	9	7	5	4	3	2	1	3	2	1	....	....	....	37
May 7 to 14	M....	1	2	1	....	....	1	....	....	3	2	....	....	1	11
	F	3	3	....	....	8	4	1	1	....	....	....	....	1	21
	Total	4	5	1	....	8	5	1	1	3	2	....	....	2	32
" 14 to 21	M....	3	4	....	....	....	3	4	....	1	....	1	....	2	18
	F	4	1	....	....	1	....	1	....	1	1	....	....	....	9
	Total	7	5	....	....	1	3	5	....	2	1	1	....	2	27

who died in the City of Toronto during the year 1877.—*Continued.*

MIASMATIC.

Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Erysipelas.	Metria (or Puerperal Fever).	Influenza.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.
					1								1					2
						1							1					2
					1	1							2					4
									1						1			2
		1														2		3
		1							1						1	2		5
										1						4		5
			2			1				1			1			3		8
			2			1				2			1			7		13
		1											1			2		4
		3				1										2		6
		4				1							1			4		10
	1	1																2
													2			1		3
	1	1											2			1		5
														1		2	1	4
						1										1		2
						1								1		3	1	6
	1	1																2
			1															1
	1	1	1															3
															1	1		2
			1			1			1						2	3	1	9
			1			1			1						3	4	1	11
				1												1		2
		2				1					1					3		7
		2		1		1					1					4		9
		1						1								2		4
			1				1		1				1					4
		1	1				1	1	1				1			2		8

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
May 21 to 28.	M	....	3	2	....	....	1	....	....	....	3	....	......	2	11
	F	3	4	....	....	1	1	3	....	....	2	1	......	......	15
	Total	3	7	2	....	1	2	3	....	....	5	1	......	2	26
" 28 to June 4	M	3	....	....	....	....	3	1	4	....	....	....	......	......	11
	F	....	2	2	....	....	2	2	1	....	2	1	......	......	12
	Total	3	2	2	....	....	5	3	5	....	2	1	......	......	23
June 4 to 11	M	2	....	....	....	1	2	....	1	1	1	....	......	1	9
	F	....	1	....	3	....	2	....	1	....	....	....	......	2	9
	Total	2	1	....	3	1	4	....	2	1	1	....	......	3	18
" 11 to 18	M	3	....	....	1	....	2	1	1	1	....	....	......	1	10
	F	2	2	....	2	....	2	2	....	....	2	1	......	......	13
	Total	5	2	....	3	....	4	3	1	1	2	1	......	1	23
" 18 to 25	M	6	1	....	1	2	....	1	....	....	....	1	......	2	14
	F	5	2	....	....	1	2	....	....	....	....	....	......	1	11
	Total	11	3	....	1	3	2	1	....	....	....	1	......	3	25
" 25 to July 2	M	14	2	1	1	....	....	1	1	....	1	....	......	......	21
	F	5	1	....	....	2	....	2	2	....	2	....	......	......	14
	Total	19	3	1	1	2	....	3	3	....	3	....	......	......	35
July 2 to 9.	M	11	2	....	1	2	2	2	2	1	....	....	......	1	24
	F	13	1	....	1	1	....	1	....	1	....	....	......	......	18
	Total	24	3	....	2	3	2	3	2	2	....	....	......	1	42
" 9 to 16.	M	9	2	....	1	1	2	1	4	1	....	....	......	......	21
	F	5	3	1	1	1	1	2	....	....	....	....	......	......	14
	Total	14	5	1	2	2	3	3	4	1	....	....	......	....	35
" 16 to 23.	M	6	2	....	....	....	....	1	....	....	2	1	......	......	12
	F	9	....	....	1	1	2	1	1	3	3	....	......	......	21
	Total	15	2	....	1	1	2	2	1	3	5	1	......	......	33
" 23 to 30.	M	9	2	....	....	....	3	1	1	....	1	1	1	1	20
	F	14	2	1	....	....	3	1	2	1	1	....	....	......	25
	Total	23	4	1	....	....	6	2	3	1	2	1	1	1	45

who died in the City of Toronto during the year 1877.—*Continued.*

						MIASMATIC.												
Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Erysipelas.	Metria (or Puerperal Fever).	Influenza.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.
1		1							1							2		5
		1														1		2
1		2							1							3		7
																2		2
																2		2
	1				1													2
	1				1													2
									2							1		3
	1								1									2
	1								3							1		5
						1			2									3
					1			1		1								3
					1	1		1	2	1								6
									1	2					1			4
										1								1
									1	3					1			5
			1						4	4								9
					1				4	6			1					12
			1		1				8	10			1					21
			1						5	4								10
	1								4							1		6
	1		1						9	4						1		16
										3	1							4
								1	2					1				4
								1	2	3	1			1				8
									4	2		1				1		7
			1						3	1	1							7
			1						7	3	1	1				1		14

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
July 30 to 6 August	M....	7	3	....	....	1	....	3	....	1	1	....	......	2	18
	F	4	....	....	1	....	2	....	2	1	1	....	......	......	11
	Total	11	3	....	1	1	2	3	2	2	2	....	......	2	29
August 6 to 13	M....	5	2	1	1	..	...	1	....	....	1	....	1	2	14
	F	8	2	....	....	1	....	....	1	....	1	....	......	......	13
	Total	13	4	1	1	1	1	....	1	1	1	....	1	2	27
" 13 to 20	M....	7	2	....	....	1	....	1	....	1	1	....	......	4	17
	F	3	2	....	1	1	....	1	....	....	....	....	......	......	8
	Total	10	4	....	1	2	....	2	....	1	1	....	......	4	25
" 20 to 27	M....	5	1	....	1	2	1	....	1	1	1	....	......	2	15
	F	10	....	2	1	1	....	....	1	....	....	....	......	1	16
	Total	15	1	2	2	3	1	....	2	1	1	....	......	3	31
" 27 to Sept. 3	M....	8	3	....	1	....	1	....	2	1	....	....	......	......	16
	F	6	5	....	1	3	1	2	....	....	1	....	......	......	19
	Total	14	8	....	2	3	2	2	2	1	1	....	......	......	35
September 3 to 10	M....	12	2	....	...	2	2	2	1	1	1	....	......	.....	23
	F	5	2	1	....	1	1	....	....	....	1	....	......	......	11
	Total	17	4	1	....	3	3	2	1	2	1	....	......	....	34
" 10 to 17	M.....	6	6	....	1	2	2	2	1	2	3	....	......	2	27
	F	8	4	....	1	1	....	2	1	....	....	....	......	1	18
	Total	14	10	....	2	3	2	4	2	2	3	....	......	3	45
" 17 to 24	M....	3	1	1	2	....	5	1	2	1	1	....	......	......	17
	F	5	1	....	....	3	3	....	1	1	2	....	......	......	16
	Total	8	2	1	2	3	8	1	3	2	3	....	......	......	33
" 24 to October 1	M....	10	1	....	1	2	....	....	1	2	....	....	......	3	20
	F	6	....	1	1	2	1	1	....	1	1	....	......	......	14
	Total	16	1	1	2	4	1	1	1	3	1	....	......	3	34
October 1 to 8	M....	7	1	....	1	2	1	....	1	2	....	....	......	1	16
	F	1	4	1	....	1	....	....	....	1	1	1	......	2	12
	Total	8	5	1	1	3	1	....	1	3	1	1	.....	3	28

who died in the City of Toronto during the year 1877.—*Continued.*

MIASMATIC.

Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Erysipelas.	Metria (or Puerperal Fever).	Influenza.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.
			1		1					2			1					5
						1			1	1			1					4
			1		1	1			1	3			2					9
				1					1	1			2	1				6
									2	1			1			2		6
				1					3	2			3	1		2		12
									2	3								5
									3	1			1					5
									5	4			1					10
			2							1			1					4
			2					1	1	1			1					6
			4					1	1	2			2					10
			1						4	1			1					7
									2	2			1					5
			1						6	3			2					12
			1					2	2	2			1					8
			1						2	3			1					7
			2					2	4	5			2					15
									2	1							1	4
								1	8	1							1	11
								1	10	2							2	15
										2			2					4
									1	2			3					6
									1	4			5					10
			1						1	1								3
			1						2		1		2					6
			2						3	1	1		2					9
			2							1								3
			2						1		1		1					5
			4						1	1	1		1					8

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
October 8 to 15	M....	3	4	....	....	2	....	2	2	....	....			....	13
	F	5	2	1	....	....	2	....	....	1	....	....	....	1	12
	Total	8	6	1	....	2	2	2	2	1	....	....	....	1	25
" 15 to 22	M....	1	2	1	2	2	1	....	....	2	....	2	....	1	14
	F	1	2	....	....	3	3	1	....	....	1	....	....	2	13
	Total	2	4	1	2	5	4	1	....	2	1	2	....	3	27
" 22 to 29	M. ..	5	....	1	....	1	1	....	2	1	2	....	....	....	13
	F	6	2	....	2	1	....	2	2	....	....	....	....	....	15
	Total	11	2	1	2	2	1	2	4	1	2	....	....	....	28
" 29 to Nov. 5	M....	3	1	1	....	1	1	1	....	1	....	....	....	1	10
	F	3	1	8	1	4	1	2	4	1	....	....	....	1	18
	Total	6	1	9	1	5	2	3	4	2	....	....	....	2	28
November 5 to 12	M....	3	2	....	2	1	3	4	....	1	....	....	....	1	17
	F	1	....	....	1	....	1	....	....	....	....	....	....	1	4
	Total	4	2	....	3	1	4	4	....	1	....	....	....	2	21
" 12 to 19	M....	2	3	1	....	3	2	....	3	1	....	....	....	1	16
	F	....	1	....	....	....	3	2	2	1	1	....	1	....	11
	Total	2	4	1	....	3	5	2	5	2	1	....	1	1	27
" 19 to 26	M....	3	1	2	....	....	2	1	1	2	1	....	....	....	13
	F	5	2	1	....	1	....	1	....	2	1	....	....	....	13
	Total	8	3	3	....	1	2	2	1	4	2	....	....	....	26
" 26 to Dec. 2	M....	7	1	....	....	1	3	2	2	1	1	....	....	....	18
	F	1	3	....	2	....	....	....	....	1	....	1	....	....	8
	Total	8	4	....	2	1	3	2	2	2	1	1	....	....	26
December 2 to 9	M....	3	3	....	....	1	....	1	1	2	....	....	....	....	11
	F	2	....	....	....	4	2	....	1	1	....	2	....	2	14
	Total	5	3	....	....	5	2	1	2	3	....	2	....	2	25
" 9 to 16	M....	5	....	....	1	2	....	2	1	....	2	....	....	....	13
	F	4	....	....	1	4	1	....	....	2	....	....	....	2	14
	Total	9	....	....	2	6	1	2	1	2	2	....	....	2	27

who died in the City of Toronto during the year 1877.—*Continued.*

MIASMATIC.

Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Erysipelas.	Metria (or Puerperal Fever).	Influenza.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.
													2				2	4
										1						1		2
										1			2			1	2	6
			2	1						1			2					6
				1													1	2
			2	2						1			2				1	8
			1								1							2
		1	2	1					2				1					7
		1	3	1					2		1		1					9
													1					1
									1				3					4
									1				4					5
					1								1		1			3
					1								1		1			3
																1	2	3
													1				1	2
													1			1	3	5
			2															2
			1			1			1									3
			3			1			1									5
									2									2
			2										1					3
			2						2				1					5
			1												1			2
						1									1			2
			1			1									2			4
										1								1
										1								1
										2								2

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
December 16 to 23	M....	3	1	....	....	1	....	2	1	....	1	2	......	1	12
	F	1	3	....	....	2	1	....	1	1	....	....	......	1	10
	Total	4	4	....	....	3	1	2	2	1	1	2	......	2	22
" 23 to 31	M....	2	.....	....	2	3	1	3	2	2	....	...	......	......	15
	F	2	....	2	....	2	1	1	1	....	. ..		......	......	9
	Total	4	....	2	2	5	2	4	3	2	....	....	......	......	24
Total Males		235	105	29	38	59	68	73	57	61	31	16	1	40	813
Total Females		224	121	30	40	84	69	56	36	38	33	15	1	32	779
Grand Total		459	226	59	78	143	137	129	93	99	64	31	2	72	1592

who died in the City of Toronto during the year 1877.—*Concluded.*

MIASMATIC.

Small Pox.	Measles.	Scarlatina.	Diphtheria.	Whooping Cough.	Erysipelas.	Metria (or Puerperal Fever).	Influenza.	Dysentery.	Diarrhœa.	Cholera Infantum.	Cholera.	Remittent Fever.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2
....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	1
....	....	....	....	....	....	....	....	....	....	1	....	....	1	....	....	....	....	2
1	2	7	15	3	7	.....	....	4	37	34	2	1	17	5	6	28	10	179
1	4	15	24	2	5	11	2	4	45	25	1	3	28	1	3	39	7	220
2	6	22	39	5	12	11	2	8	82	59	3	4	45	6	9	67	17	399

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	TUBERCULAR.					NERVOUS SYSTEM.								
		Scrofula.	Tabes Mesenterica.	Phthisis.	Hydrocephalus.	Total Tubercular.	Cephalitis.	Cerebro Spinal Meningitis.	Apoplexy.	Paralysis.	Insanity.	Epilepsy.	Convulsions.	Brain Disease.	Spinal Disease
January 1 to 8	M	....	....	2	....	2	....	....	....	....	....	....	2	1	....
	F	....	....	3	1	4	....	....	....	1	....	....	1	....	....
	Total	....	....	5	1	6	....	....	....	1	....		3	1	....
" 8 to 15	M	....	....	1	....	1	....	....	....	....	....	....	1	....	....
	F	....	....	2	....	2	....	....	....	2	....		....	1	....
	Total	....	....	3	....	3	....	....	....	2	....		1	1	....
" 15 to 22	M	....	....	1	....	1	....	....	....	....	....	....	....	1	....
	F	....	....	2	....	2	....	....	....	....	....		....	....	....
	Total	....	....	3	....	3	....	....	....	....	....		....	1	....
" 22 to 29	M	....	....	3	....	3	....	....	....	....	....	....	2	....	....
	F	....	....	4	....	4	....	1	....	....	....		2	....	....
	Total	....	....	7	....	7	....	1	....	....	....		4	....	....
" 29 to Feb. 2	M	....	....	5	....	5	....	....	....	1	....	....	....	2	....
	F	....	....	3	1	4	....	....	....	....	....		1	....	....
	Total	....	....	8	1	9	....	....	....	1	....		1	2	....
February 2 to 12	M	....	....	3	....	3	....	....	....	....	....	1	....	....	....
	F	....	....	1	....	1	....	....	....	....	....		1	....	....
	Total	....	....	4	....	4	....	....	....	....	....	1	1	....	....
" 12 to 19	M	....	....	2	....	2	....	....	....	....	....	....	....	1	....
	F	....	....	3	....	3	....	....	....	....	....		....	....	....
	Total	....	....	5	....	5	....	....	....	....	....		....	1	....
" 19 to 26	M	....	....	1	....	1	....	....	....	....	....	....	2	1	....
	F	....	....	4	....	4	....	....	....	1	....		....	1	....
	Total	....	....	5	....	5	....	....	....	1	....		2	2	....
26 to March 5	M	....	....	3	....	3	....	....	....	....	....	....	....	....	....
	F	....	....	2	....	2	....	....	....	....	....		....	....	....
	Total	....	....	5	....	5	....	....	....	....	....		....	....	....
March 5 to 12	M	....	....	....	....	....	....	....	1	....	....	....	....	....	....
	F	....	....	4	....	4	....	....	....	....	....		1	1	....
	Total	....	....	4	....	4	....	....	1	....	....		1	1	....

who died in the City of Toronto during the year 1877.—*Continued.*

Meningitis.	Congestion of Brain.	Total Nervous System.	RESPIRATORY ORGANS.								DEVELOPMENTAL DISEASES OF CHILDREN.						
			Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Total Respiratory Organs.	Still-born.	Infantile Premature, &c.	Cyanosis.	Spina Bifida.	Teething.	Infantile Debility, or Marasmus.	Total Developmental Diseases of Children.
	1	5				1			1	2		1					1
1		3			1			1	2	4		1					1
2	1	8			1	1		1	3	6		2					2
		1				1		1		2						1	1
		3		1		2		1		3		1					
		4		1		3		1		5		1				1	1
		1		2		1		1	2	4		1				1	2
		1		2		2		2	2	8		1				1	2
	1	2		1		1			1	3		2					2
1		4				1				1	1					1	2
1	1	6		1		2			1	4	1	2				1	4
		3		2						2	2	1					3
		2						1		1		1					1
		5		2				1		3	2	2					4
		1		3		2				5	1					2	3
		1		1		1			1	3		2					2
		2		4		3			1	8	1	2				2	5
		1		1					1	2							
				5		1			1	7							
		1		6		1			2	9							
		3		1	1	1				3						1	1
		2		1		1				2							
		5		2	1	2				5						1	1
						2			1	3							
				1		1				2							
				1		3			1	5							
1	1	4				5			2	2		1				1	1
1	1	5		1		5			2	8		1				1	2

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	TUBERCULAR.					NERVOUS SYSTEM.								
		Scrofula.	Tabes Mesenterica.	Phthisis.	Hydrocephalus.	Total Tubercular.	Cephalitis.	Cerebro Spinal Meningitis.	Apoplexy.	Paralysis.	Insanity.	Epilepsy.	Convulsions.	Brain Disease.	Spinal Disease.
March 12 to 19	M....	....	....	3	....	3	....	....						1	
	F....	....	....	2	....	2	....							1	
	Total	....	....	5	....	5							.	1	
" 19 to 26	M....	....	....	5	....	5	....	....	1	....					
	F....	1	....	3	....	4	....	....	....	....	....	1			
	Total	1	....	8	....	9	....	....	1	....	....	1			
" 26 to April 2	M....	....	....	1	....	1	....								
	F....	....	....	....	....	....	....						2		
	Total	....	....	1	....	1	....						2		
April 2 to 9	M....	....	....	2	....	2	....	....	1	....			2	1	....
	F....	....	....	6	....	6	....	....	....	....			1		
	Total	....	....	8	....	8	....	....	1	....			3	1	
" 9 to 16	M....	....	....	3	....	3	....	....					1		
	F....	....	....	5	....	5	....	....	1	1					
	Total	....	....	8	....	8	....	....	1	1	....	....	1		
" 16 to 23	M....	....	....	3	....	3	....	....	1	1	....	1	2	2	
	F....	....	....	2	1	3	....	....							
	Total	....	....	5	1	6	....	....	1	1	....	1	2	2	
" 23 to 30	M....	....	....	1	....	1	....	....	....	....	....	....	....	1	
	F....	....	....	2	....	2	....	....	....	....	....	....	2		
	Total	....	....	3	....	3	....	....	....	....	....	....	2	1	
" 30 to May 1	M....	....	....	1	....	1	....	1	....	....	....	....	....	....	1
	F....	1	....	3	....	4	....	....	....	1	....	....	1		
	Total	1	....	4	....	5	....	1	....	1	....	....	1		1
May 1 to 14	M....	....	....	1	....	1	....	....	....	....					
	F....	....	....	9	....	9	..	....	....		1	....	1		
	Total	....	....	10	....	10	....	....	....	1	.	....	1		
" 14 to 21	M....	....	....	1	1	2	....	....	1	2	....	....	....	1	
	F....	....	....	1	....	1	....	....	2	....	....				
	Total	....	....	2	1	3	....	....	3	2	...	....		1	

who died in the City of Toronto during the year 1877.—*Continued.*

Meningitis.	Congestion of Brain.	Total Nervous System.	Respiratory Organs.								Developmental Diseases of Children.						
			Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Total Respiratory Organs.	Still-born.	Infantile Premature, &c.	Cyanosis.	Spina Bifida.	Teething.	Infantile Debility, or Marasmus.	Total Developmental Diseases of Children.
1	....	1	....	1	....	1	....	....	....	2	......	......	......	......	......	1	1
....	....	1	....	3	....	4	....	....	....	7	......	......	......	......	......	1	1
1	....	2	....	4	....	5	....	....	....	9	......	......	......	......	......	2	2
....	....	1	....	....	....	3	....	....	1	4	......	......	......	......	......	....	....
....	1	2	....	....	....	3	....	1	....	4	1	....	....	....	....	....	1
....	1	3	....	....	....	6	....	1	1	8	1	....	....	....	....	....	1
....	....	....	....	2	1	....	....	....	3	6	......	1	......	......	......	....	1
2	....	4	....	1	....	3	....	....	....	4	1	....	....	....	....	2	3
2	....	4	....	3	1	3	....	....	3	10	1	1	....	....	....	2	4
....	1	5	....	2	....	1	....	....	....	3	......	......	......	......	......	1	1
....	....	1	....	....	....	....	....	....	....	......	1	....	....	....	....	1	2
....	1	6	....	2	....	1	....	....	....	3	1	....	....	....	....	2	3
....	1	2	....	1	....	1	....	....	1	3	1	....	....	....	....	....	1
....	....	2	....	......	1	....	....	....	....	1	......	......	......	......	......	1	1
....	1	4	....	1	1	1	....	....	1	4	1	....	....	....	....	1	2
....	....	7	....	......	....	1	....	1	....	2	......	......	......	......	......	1	1
....	1	1	....	1	....	1	....	....	....	2	1	....	....	....	....	1	2
....	1	8	....	1	....	2	....	1	....	4	1	....	....	....	....	2	3
1	....	2	....	......	....	2	....	....	....	2	......	....	1	....	....	2	3
1	....	3	....	......	....	....	....	....	....	......	......	......	......	......	......	....	....
1	....	5	....	....	....	2	....	....	....	2	......	....	1	....	....	2	3
....	1	3	....	......	....	3	....	....	2	5	......	......	......	......	......	....	....
....	1	3	....	......	....	2	....	....	1	3	......	......	......	......	1	1	2
....	2	6	....	......	....	5	....	....	3	8	......	......	......	......	1	1	2
....	....	....	....	......	....	1	....	....	1	2	1	1	....	....	....	1	3
....	....	2	....	......	....	1	....	....	....	1	1	....	....	....	....	1	2
....	....	2	....	....	....	2	....	....	1	3	2	1	....	....	....	2	5
....	....	4	....	......	....	1	....	....	1	2	1	....	....	....	....	1	2
....	....	2	....	......	....	....	....	....	....	......	......	1	....	....	....	....	1
....	....	6	....	....	....	1	....	....	1	2	1	1	....	....	....	1	3

TABLE M.—Shewing the Ages and Causes of Death of the persons

		TUBERCULAR.					NERVOUS SYSTEM.								
DATE.	Sex.	Scrofula.	Tabes Mesenterica.	Phthisis.	Hydrocephalus.	Total Tubercular.	Cephalitis.	Cerebro Spinal Meningitis.	Apoplexy.	Paralysis.	Insanity.	Epilepsy.	Convulsions.	Brain Disease.	Spinal Disease.
May 21 to 28....	M...	....	....	....	1	1	....	....	....	....	....	....	1	....	....
	F....	....	....	....	....	....	....	....	....	1	....	....	1	....	....
	Total	....	....	....	1	1	....	....	....	1	....	....	2	....	....
" 28 to June 4......	M...	....	....	2	....	2	....	....	....	....	....	....	....	....	1
	F....	....	....	2	....	2	....	....	....	....	....	....	....	2	....
	Total	....	....	4	....	4	....	....	....	....	....	....	....	2	1
June 4 to 11..	M...	....	1	3	....	4	....	....	....	....	....	....	....	....	....
	F....	....	....	2	....	2	....	....	....	....	....	....	....	....	....
	Total	....	1	5	....	6	....	....	....	....	....	....	....	....	....
" 11 to 18..........	M...	....	....	1	....	1	....	....	....	1	....	....	....	....	....
	F....	....	....	3	....	3	....	....	....	....	....	....	....	....	....
	Total	....	....	4	....	4	....	....	....	1	....	....	....	....	....
" 18 to 25..........	M...	....	1	2	....	3	....	....	....	....	....	....	1	1	1
	F....	....	....	....	....	....	1	....	....	....	1	....	....	....	....
	Total	....	1	2	....	3	1	....	....	....	1	....	1	1	1
" 25 to July 2.......	M...	....	....	....	1	1	....	....	....	....	....	1	1	1	....
	F....	....	....	4	1	5	....	....	1	....	1	....	1	....	....
	Total	....	....	4	2	6	....	....	1	....	1	1	2	1	....
July 2 to 9..........	M...	....	....	3	....	3	....	....	....	1	1	....	....	....	....
	F....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	....	....	3	....	3	....	....	....	1	1	....	....	....	....
" 9 to 16..........	M...	....	....	1	....	1	....	....	....	....	....	....	....	....	....
	F.....	....	....	3	....	3	....	....	....	....	....	....	....	....	....
	Total	....	....	4	....	4	....	....	....	....	....	....	....	....	....
" 16 to 23..........	M...	....	....	3	....	3	....	....	....	....	....	....	....	....	....
	F...	....	....	1	....	1	....	....	....	....	....	....	....	....	1
	Total	....	....	4	....	4	....	....	....	....	....	....	....	....	1
" 23 to 30..........	M...	....	....	3	....	3	....	....	....	....	....	1	....	....	....
	F....	....	....	1	....	1	....	....	....	2	....	....	2	....	....
	Total	....	....	4	....	4	....	....	....	2	....	1	2	....	....

who died in the City of Toronto during the year 1877.—*Continued.*

Meningitis	Congestion of Brain	Total Nervous System	Laryngitis	Bronchitis	Pleurisy	Pneumonia	Asthma	Lung Disease	Congestion of Lungs	Total Respiratory Organs	Still-born	Infantile Premature, &c.	Cyanosis	Spina Bifida	Teething	Infantile Debility, or Marasmus	Total Developmental Diseases of Children
		1				3				3						1	1
		2															
		3				3				3						1	1
		1		1			1			2							
		2															
		3		1			1			2							
1		1				1				1	1						1
											2						2
1		1				1				1	3						2
		1				1				1	1						1
																1	1
		1				1				1	1					1	2
		3									1					2	3
		2														3	3
		5									1					5	6
	1	4							1	1					1	5	6
		3						1	1	2							
	1	7					1		2	3					1	5	6
		2					1			1	1				2	1	4
1	1	2														1	1
1	1	4					1			1	1				2	2	5
1		1							1	1			1		1	1	3
1		1										1					1
2		2							1	1		1	1		1	1	4
	1	1													1	1	2
		1		1		1				2						4	4
	1	2		1		1				2					1	5	6
1		2				1				1						2	2
		4														4	4
1		6				1				1						6	6

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	TUBERCULAR.					NERVOUS SYSTEM.								
		Scrofula.	Tabes Mesenterica.	Phthisis.	Hydrocephalus.	Total Tubercular.	Cephalitis.	Cerebro Spinal Meningitis.	Apoplexy.	Paralysis.	Insanity.	Epilepsy.	Convulsions.	Brain Disease.	Spinal Disease.
July 30 to August 6	M			1		1									
	F			1		1							1	1	
	Total			2		2							1	1	
August 6 to 13	M														
	F														
	Total														
" 13 to 20	M						1		2					1	
	F			1		1									
	Total			1		1			2					1	
" 20 to 27	M				1	1								1	
	F			1	1	2								1	
	Total			1	2	3								1	
" 27 to Sept. 3	M												1	1	
	F			4		4							2	1	
	Total			4		4							3	2	
September 3 to 10	M			1		1					1				
	F			2		2				1			1		
	Total			3		3				1	1		1		
" 10 to 17	M			3		3				2				1	
	F			2		2	1	1							
	Total			5		5	1	1		2				1	
" 17 to 24	M			2		2			1					3	
	F			2	1	3								1	
	Total			4	1	5			1					4	
" 24 to October 1	M			1		1			1						
	F			3		3									
	Total			4		4			1						
October 1 to 8	M			2	1	3								1	
	F														
	Total			2	1	3								1	

who died in the City of Toronto during the year 1877.—*Continued.*

Meningitis.	Congestion of Brain.	Total Nervous System.	RESPIRATORY ORGANS.								DEVELOPMENTAL DISEASES OF CHILDREN.						
			Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Total Respiratory Organs.	Still-born.	Infantile Premature, &c.	Cyanosis.	Spina Bifida.	Teething.	Infantile Debility, or Marasmus.	Total Developmental Diseases of Children.
		2									2	1				3	6
												2				1	3
		2									2	3				4	9
						1				1		1				1	2
																3	3
						1				1		1				4	5
1		3			1					1	2					1	3
1		4			1					1	2					1	3
		1				1				1		2			1	2	5
												1				1	2
		1				1				1		3			1	3	7
	2	4														2	2
		3		2						2						1	1
	2	7		2						2						3	3
3		4										1	1			2	4
		2															
3		6										1	1			2	4
1		4		1	1	3				5	1	1					2
		2		1						1							
1		6		2	1	3				6	1	1					2
	1	5															
		1														1	1
	1	6														1	1
		1				1				1	2	1				4	7
2		2				1				1		1					1
2		3				2				2	2	2				4	8
		1						1		1		1				1	2
											1					1	2
		1							1	1	1	1				2	4

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	TUBERCULAR.					NERVOUS SYSTEM.								
		Scrofula.	Tabes Mesenterica.	Phthisis.	Hydrocephalus.	Total Tubercular.	Cephalitis.	Cerebro Spinal Meningitis.	Apoplexy.	Paralysis.	Insanity.	Epilepsy.	Convulsions.	Brain Disease.	Spinal Disease.
October 8 to 15	M....	....	1	....	....	1	....	....	....	....	....	....	....	....	....
	F....	....	1	2	....	3	....	....	....	....	....	....	1	....	....
	Total	....	2	2	....	4	....	....	....	....	....	....	1	....	....
" 15 to 22	M....	....	....	1	....	1	....	....	....	2	....	....	....	....	....
	F....	....	....	2	1	3	....	....	....	....	....	....	....	....	....
	Total	....	....	3	1	4	....	....	....	2	....	....	....	....	....
" 22 to 29	M....	....	....	1	1	2	....	....	1	....	....	....	....	....	....
	F....	....	1	1	....	2	....	....	....	....	....	....	....	....	....
	Total	....	1	2	1	4	....	....	1	....	....	....	....	....	....
" 29 to Nov. 5	M....	....	....	1	....	1	....	....	....	....	....	....	....	....	....
	F....	....	....	2	....	2	....	....	....	....	....	....	....	1	....
	Total	....	....	3	....	3	....	....	....	....	....	....	....	1	....
November 5 to 12	M....	1	....	2	....	3	....	....	....	1	....	....	....	....	....
	F....	....	....	1	....	1	....	....	....	....	....	....	....	....	....
	Total	1	....	3	....	4	....	....	....	1	....	....	....	....	....
" 12 to 19	M....	....	....	4	....	4	....	....	....	....	....	....	....	....	....
	F....	....	....	2	....	2	....	....	....	....	....	....	2	1	....
	Total	....	....	6	....	6	....	....	....	....	....	....	2	1	....
" 19 to 26	M....	....	....	2	....	2	....	....	....	1	....	....	1	....	1
	F....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
	Total	....	....	2	....	2	....	....	....	1	....	....	2	....	1
" 26 to Dec. 2	M....	....	....	4	2	6	....	....	1	....	....	....	1	....	....
	F....	....	....	2	....	2	....	....	....	....	....	....	....	1	....
	Total	....	....	6	2	8	....	....	1	....	....	....	1	1	....
December 2 to 9	M....	....	....	2	1	3	....	....	....	1	....	....	....	....	....
	F....	....	....	....	....	....	....	....	....	1	....	....	....	1	....
	Total	....	....	2	1	3	....	....	....	2	....	....	....	1	....
" 9 to 16	M....	....	....	2	....	2	....	....	....	....	....	....	....	....	1
	F....	....	....	3	....	3	....	....	....	....	....	....	....	....	....
	Total	....	....	5	....	5	....	....	....	....	....	....	....	....	1

who died in the City of Toronto during the year 1877.—*Continued.*

Meningitis.	Congestion of Brain.	Total Nervous System.	Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Total Respiratory Organs.	Still-born.	Infantile Premature, &c.	Cyanosis.	Spina Bifida.	Teething.	Infantile Debility, or Marasmus.	Total Developmental Diseases of Children.
								1		1						3	3
1		2				1				1	1					2	3
1		2				1		1		2	1					5	6
		2		1						1	1						1
						2		1		3	1						1
		2		1		2		1		4	2						2
		1		1	1	2				4		1				2	3
												2					2
		1		1	1	2				4		3				2	5
1	1	2				1				1	1	1					2
		1		2						2	1					1	2
1	1	3		2		1				3	2	1				1	4
		1				2				2	1	1				1	3
																1	1
		1				2				2	1	1				2	4
1		1	1			1				2	1					2	3
		3		1						1							
1		4	1	1		1				3	1					2	3
1		4		1						1		1					1
		1				4			1	5				1		1	2
1		5		1		4			1	6		1		1		1	3
	1	3		1		1				2						1	1
		1														1	1
	1	4		1		1				2						2	2
		1							1	1		2					2
		2		1					1	2							
		3		1					2	3		2					2
		1		1		1				2						2	2
						3			1	4	2					1	3
		1		1		4			1	6	2					3	5

9

TABLE M.—Shewing the Ages and Causes of Death of the persons

DATE.	Sex.	TUBERCULAR.					NERVOUS SYSTEM.								
		Scrofula.	Tabes Mesenterica.	Phthisis.	Hydrocephalus.	Total Tubercular.	Cephalitis.	Cerebro Spinal Meningitis.	Apoplexy.	Paralysis.	Insanity.	Epilepsy.	Convulsions.	Brain Disease.	Spinal Disease.
December 16 to 23	M....	....	....	2	....	2	....	....	....	....	1	....	1	1	......
	F	....	....	2	....	2	....	....	1	....	....	....	......	1	......
	Total	....	....	4	.....	4	....	....	1	....	1	....	1	2	......
" 23 to 31	M....	....	....	3	....	3	.....	....	....	1	....	....	1	......	....
	F	....	....	1	....	1	....	....	..	....	....	....	2	......	1
	Total	....	....	4	....	4	....	....	....	1	....	....	3	......	1
Total Males		1	3	94	9	107	....	1	11	14	3	4	20	21	5
Total Females		2	2	111	7	122	2	2	5	12	2	1	27	15	2
Grand Total		3	5	205	16	229	2	3	16	26	5	5	47	36	7

who died in the City of Toronto during the year 1877.—*Concluded.*

			RESPIRATORY ORGANS.								DEVELOPMENTAL DISEASES OF CHILDREN.						
Meningitis.	Congestion of Brain.	Total Nervous System.	Laryngitis.	Bronchitis.	Pleurisy.	Pneumonia.	Asthma.	Lung Disease.	Congestion of Lungs.	Total Respiratory Organs.	Still-born.	Infantile Premature, &c.	Cyanosis.	Spina Bifida.	Teething.	Infantile Debility, or Marasmus.	Total Developmental Diseases of Children.
....	....	3	......	......	....	1	....	.. .	....	1	1	.....	......	......	1	1	3
....	....	2	....	1	....	....	....	....	....	1	......	1	......	......	......	1	2
....	....	5	....	1	....	1	....	....	....	2	1	1	......	......	1	2	5
....	....	2	....	......	....	1	1	....	....	2	......	......	......	......	......	......	......
....	....	3	....	......	....	....	....	....	....	......	......	......	......	......	......	1	1
....	....	5	....	......	....	1	1	....	....	2	......	......	......	......	......	1	1
12	11	102	1	21	4	40	3	4	21	94	24	20	2	......	8	51	105
13	6	87	....	26	3	44	1	5	9	88	15	13	......	1	2	40	71
25	17	189	1	47	7	84	4	9	30	182	39	33	2	1	10	91	176

TABLE N.—Shewing the Ages and Causes of Death of the persons who

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and upwards.	Age not given.	Total.
January 1 to 8	M		2			1									3
	F	1													1
	Total	1	2			1									4
" 8 to 15	M														
	F							1			1				2
	Total							1			1				2
" 15 to 22	M	1	1			1		1						1	5
	F														
	Total	1	1			1		1						1	5
" 22 to 29	M										1				1
	F		1						1	1					3
	Total		1						1	1	1				4
" 29 to Feb. 5	M				1	1		1							3
	F		1							1					2
	Total		1	1	1		1			1					5
February 5 to 12	M				1					1		1		1	4
	F	1	2					1		1				1	6
	Total	1	2	1				1		2		1		2	10
" 12 to 19	M		1			1									2
	F						1				2				3
	Total		1			1	1				2				5
" 19 to 26	M			1											1
	F			1											1
	Total			2											2
" 26 to March 5	M														
	F														
	Total														
March 5 to 12	M							1			1				2
	F	1	1	1					1					1	5
	Total	1	1	1				1	1		1			1	7

died in the City of Kingston during the year ending 31st December. 1877.

	MIASMATIC.															TUBERCULAR.		
Small Pox.	Measles.	Diphtheria.	Quinsy.	Erysipelas.	Metria (Puerperal Fever).	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.
....	....	1	....	....	....	....	....	....	......	......	......	......	......	1	1	....	1
....	....	....	....	....	....	....	....	....	......	......	......	......	......	......	......	......	......
....	....	1	....	....	....	....	....	....	......	......	......	......	......	1	1	......	1
....	....	....	....	....	....	....	....	....	......	2	......	......	......	2	......	......	......
....	....	....	....	....	....	....	....	....	......	2	......	......	......	2	......	......	......
....	....	1	....	....	....	....	....	....	......	......	......	......	......	1	1	......	1
....	....	....	....	....	....	....	....	....	......	......	......	......	......	......	......	......	......
....	....	1	....	....	....	....	....	....	......	......	......	......	......	1	1	......	1
....	....	....	....	....	....	....	....	....	......	......	......	......	......	......	......	......	......
....	....	....	....	....	....	....	....	....	......	......	......	......	......	......	......	......	......
....	....	....	....	....	....	....	....	....	......	......	......	......	......	......	......	......	......
....	....	....	....	....	....	....	....	....	......	......	......	......	1	1	......	......	......
....	....	....	....	....	....	....	....	....	......	......	......	......	1	1	......	......	......
....	....	....	....	....	....	....	1	....	......	......	......	......	......	1	......	......	......
....	....	....	....	....	....	....	1	....	......	......	......	......	......	1	......	......	......
....	....	1	....	....	....	....	....	....	......	......	......	......	......	1	......	......	......
....	....	1	....	....	....	....	....	....	......	......	......	......	......	1	......	......	......
....	....	....	....	....	....	....	....	....	......	......	......	......	......	......	......	......	......
....	....	....	....	....	....	....	....	....	......	......	......	......	......	......	1	......	1
....	1	....	....	....	....	....	....	....	......	......	1	......	....	2	1	......	1
....	1	....	....	....	....	....	....	....	......	......	1	......	......	2	2	......	2

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	AGE.													Total.
		Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and upwards.	Age not given.	
March 12 to 19	M									1				1	2
	F	1												2	3
	Total	1								1				3	5
" 19 to 26	M		2			1									3
	F	1								2					3
	Total	1	2			1				2					6
" 26 to April 2	M													1	1
	F		1				1		1					1	4
	Total		1				1		1					2	5
April 2 to 9	M													1	1
	F	2						1							3
	Total	2						1							4
" 9 to 16	M	1								1	1				3
	F	1													1
	Total	2								1	1				4
" 16 to 23	M		1			1									2
	F														
	Total		1			1									2
" 23 to 30	M	1						1	1						3
	F														
	Total	1						1	1						3
" 30 to May 7	M		1												1
	F									1				2	3
	Total		1							1				2	4
May 7 to 14	M	1									1				2
	F	2		1			1							1	5
	Total	3		1			1				1			1	7
" 14 to 21	M	2	1					1			2			1	7
	F		2												2
	Total	2	3					1			2			1	9

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

| | MIASMATIC. | | | | | | | | | | | | | | TUBERCULAR. | | |
Small Pox.	Measles.	Diphtheria.	Quinsy.	Erysipelas.	Metria (Puerperal Fever).	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.
									1					1			
									1					1			
		1							1					2	1		1
		1							1					2	1		1
													1	1			
		1											1	2			
		1											2	3			
													1	1			
													1	1			
													2	2			
				1										1	1		1
				1										1	1		1
				1										1			
				1										1			
															1		1
															1		1
	1													1	1		1
	1													1	1		1
	1											1		2	1		1
	1											1		2	1		1

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and upwards.	Age not given.	Total.
May 21 to 28	M										1				1
	F					1	1	2							4
	Total					1	1	2			1				5
" 28 to June 4	M	1	1												2
	F				1										1
	Total	1	1		1										3
June 4 to 11	M								1						1
	F							1							1
	Total							1	1						2
" 11 to 18	M		1		1		1								3
	F			1	1			1							3
	Total		1	1	2		1	1							6
" 18 to 25	M							1		1		1	1		4
	F							1			1				2
	Total							2		1	1	1	1		6
" 25 to July 2	M						1		1					1	3
	F	1													1
	Total	1					1		1					1	4
July 2 to 9	M	1									1			1	3
	F	2			1										3
	Total	3			1						1			1	6
" 9 to 16	M							1		1			1		3
	F	1								1				3	5
	Total	1						1		2			1	3	8
" 16 to 23	M													1	1
	F	2		1	1		1								5
	Total	2		1	1		1							1	6
" 23 to 30	M				1		1				1				3
	F	1	1					1				1			4
	Total	1	1		1		1				1	1			7

the City of Kingston during the year ending 31st December, 1877—*Continued.*

					MIASMATIC.										TUBERCULAR.		
Small Pox.	Measles.	Diphtheria.	Quinsy.	Erysipelas.	Metria (Puerperal Fever).	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.
....	....	....	....	....	....	....	1	....	....	....	....	1	....	2	....	....	....
....	....	....	....	....	....	....	1	....	....	....	....	1	....	2	....	....	....
1	1	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....
....	....	....	....	....	....	1	....	....	....	....	....	....	....	1	....	....	....
1	1	....	....	....	....	1	....	....	....	....	....	....	....	3	....	....	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
....	....	....	....	....	....	....	....	....	....	1	....	....	....	1	1	....	1
....	....	....	....	....	....	....	....	....	....	1	....	1	....	2	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	....	....	....	....	1	....	....	....	....	....	....	....	1	1	1	....	1
....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	1	1	....	....	....	....	....	2	....	....	....
....	....	....	....	....	....	....	1	1	....	....	....	....	....	2	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	....	1

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and upwards.	Age not given.	Total.
July 30 to August 6	M.		2												2
	F.					1					1	1			3
	Total		2			1					1	1			5
August 6 to 13	M.							1							1
	F.	1							1			1			3
	Total	1						1	1			1			4
" 13 to 20	M.														
	F.		1			1				1					3
	Total		1			1				1					3
" 20 to 27	M.														
	F.														
	Total														
" 27 to Sept. 3	M.	1							1						2
	F.				1										1
	Total	1			1				1						3
September 3 to 10	M.	1				2									3
	F.									1		1			2
	Total	1				2				1		1			5
" 10 to 17	M.					1									1
	F.														
	Total					1									1
" 17 to 24	M.				1										1
	F.								1						1
	Total				1				1						2
" 24 to 30	M.									1					1
	F.	2				1			1					1	5
	Total	2				1			1	1				1	6
October 1 to 8	M.										1		1		2
	F.	1													1
	Total	1									1		1		3

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

| | MIASMATIC. | | | | | | | | | | | | | | TUBERCULAR. | | |
Small Pox.	Measles.	Diphtheria.	Quinsy.	Erysipelas.	Metria (Puerperal Fever).	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.
								1						1			
															2		2
								1						1	2		2
			1					1						1			
							1							2			
			1				1	1						3			
															1		1
															1		1
																1	1
																1	1
															2	1	3
															2	1	3
															1		1
															1		1
															1		1
															1		1
												1		1	1		1
											1			1	1		1
											1			1			
							1							1			
							1				1			2			

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and upwards.	Age not given.	Total.
October 8 to 15	M.														
	F.							1	1		1	1			4
	Total							1	1		1	1			4
" 15 to 22	M.									1		1			2
	F.					1			1						2
	Total					1			1	1		1			4
" 22 to 29	M.							1						1	2
	F.														
	Total							1						1	2
" 29 to Nov. 5	M.							1		1					2
	F.														
	Total							1		1					2
November 5 to 12	M.	2								1					3
	F.					1									1
	Total	2				1				1					4
" 12 to 19	M.	1			1										2
	F.				1	1	2					1		1	6
	Total	1			2	1	2					1		1	8
" 19 to 26	M.		1							1	1				3
	F.		1											1	2
	Total		2							1	1			1	5
" 26 to Dec. 2	M.						1								1
	F.	1					1								2
	Total	1				1	1								3
December 2 to 9	M.				1										1
	F.								1			1			2
	Total				1				1			1			3
" 9 to 16	M.		1						1						2
	F.	1	1									1			3
	Total	1	2						1			1			5

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

	MIASMATIC.														TU. ERCULAR.		
Small Pox.	Measles.	Diphtheria.	Quinsy.	Erysipelas.	Metria (Puerperal Fever).	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	1
....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	1	....	1
....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	2	....	2
....	....	....	....	....	1	....	....	....	....	....	....	....	....	1	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	1
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2	....	2
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and upwards.	Age not given.	Total.
December 16 to 23	M.	....	1	....	....	....	....	....	....	....	....	....	....	....	1
	F	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	Total	....	1	....	....	....	.....	....	....	....	....	....	....	......	1
" 23 to 31	M.	....	....	....	....	....	....	....	1	....	....	....	......	3	3
	F	1	....	....	....	1	....	1	....	....	....	....	......	3	6
	Total	1	....	....	....	1	....	1	....	....	....	....	......	6	9
Total Males	......	14	16	3	6	10	9	4	4	10	9	4	3	13	105
Total Females	......	24	13	4	6	9	11	9	7	12	7	4	......	17	123
Grand Total	......	38	29	7	12	19	20	13	11	22	16	8	3	30	228

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

| | MIASMATIC. | | | | | | | | | | | | | | TUBERCULAR. | | |
Small Pox.	Measles.	Diphtheria.	Quinsy.	Erysipelas.	Metria (Puerperal Fever).	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Rheumatism.	Fever.	Scarlet Fever.	Croup.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.
....	....	....	....	....	....	....	....	....	......	......	......	......	1	1	......	......	......
....	....	....	....	....	....	....	....	....	......	......	......	......	....	..	......	......	..
....	....	....	...	....	....	....	....	....	......	......	......	......	1	1	......	....	......
....	....	....	....	....	....	....	1	....	......	......	......	......	......	1	1 2	1	1 3
....	....	....	....	....	....	....	1	....	......	......	......	......	......	1	3	1	4
1	2	3	....	....	....	....	1	2	1	......	1	......	6	17	16	2	18
....	3	2	1	2	2	1	6	1	1	3	2	2	3	29	17	1	18
1	5	5	1	2	2	1	7	3	2	3	3	2	9	46	33	3	36

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	Paralysis.	Insanity.	Concussion of Brain.	Epilepsy.	Convulsions.	Brain Disease.
					NERVOUS SYSTEM.		
January 1 to 8......................	M.	....	....	....	....	....	....
	F	....	....	....	....	....	....
	Total	....	....	....	....	....	....
" 8 to 15......................	M.	....	....	....	....	....	....
	F	....	....	....	....	....	....
	Total	....	....	....	....	....	....
" 15 to 22......	M.	....	....	....	....	....	....
	F	....	....	....	.. ...	....	....
	Total	....	....	....	....	....	....
" 22 to 29.....	M..	....	....	....	....	....	....
	F	1	....	....	....	....	1
	Total	1	......	......	.. ..	....	1
" 29 to Feb. 5....................	M.	....	....	....	....	1	1
	F	. ...	....	....	.. ..	..	....
	Total	....	....	....	....	1	1
February 5 to 12.....................	M, ...	....	....	....	....	....	....
	F	....	....	....	....	2	....
	Total	....	....	....	....	2	
" 12 to 19.....................	M.	....	....	....	....	....	1
	F	....	....	....	....	....	....
	Total	....	....	....	....	....	1
" 19 to 26.....................	M.	....	....	....	....	....	....
	F	....	....	....	....	....	....
	Total	....	....	....	....	....	.
" 26 to March 5................	M.	....	....	....	....	....	....
	F	....	....	....	....	....	....
	Total	....	....	....	....	....	....
March 5 to 12........................	M.	....	....	....	....	....	....
	F	....	....	....	....	....	....
	Total	....	....	....	....	....	....

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

Congestion of Brain.	Spinal Disease.	Total Nervous System.	Respiratory Organs.					Diseases of Children.			
			Bronchitis.	Pneumonia.	Asthma.	Congestion of Lungs.	Total Respiratory Organs.	Infantile Premature.	Teething.	Infantile Debility.	Total Diseases of Children.
....	....	....	1	......	......	......	1	....	....	....	....
....	....	....	1	......	......	......	1	....	....	....	....
....	....	....	2	......	......	......	2	....	....	....	....
....	....	....	......	......	......	......	......	....	....	....	....
....	....	....	......	......	......	......	......	....	....	....	....
....	....	....	......	......	......	......	......	....	....	....	....
....	....	....	......	......	......	......	......	1	....	....	1
....	....	....	......	......	......	......	......	1	....	....	1
....	....	2	1	......	......	......	1	....	....	....	....
....	....	2	1	......	......	......	1	....	....	....	....
....	....	2	......	......	......	......	......	....	....	....	....
1	....	1	......	......	......	......	......	....	....	....	....
1	....	3	......	......	......	......	......	....	....	....	....
....	....	2	......	1	......	......	1	....	....	....	....
....	....	2	......	1	......	......	1	....	....	....	....
....	....	1	1	......	......	......	1	....	....	....	....
....	....	....	......	......	......	......	......	....	....	....	....
....	....	1	1	......	......	......	1	....	....	....	....
....	....	....	......	1	......	......	1	....	....	....	....
....	....	....	......	......	......	......	......	....	....	....	....
....	....	....	......	1	......	......	1	....	....	....	....
....	....	....	......	......	......	......	......	....	....	....	....
....	....	....	......	......	......	......	......	....	....	....	....
....	....	....	......	......	......	......	......	....	....	....	....
....	....	....	......	......	1	......	1	....	....	1	1
....	....	....	......	......	1	......	1	....	....	1	1

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE	Sex.	Paralysis.	Insanity.	Concussion of Brain.	Epilepsy.	Convulsions.	Brain Disease.
				NERVOUS SYSTEM.			
March 12 to 19	M.						
	F						
	Total						
" 19 to 26	M.						
	F						
	Total						
" 26 to April 2	M.						
	F		1				
	Total		1				
April 2 to 9	M.						1
	F						
	Total						1
" 9 to 16	M.						
	F						
	Total						
" 16 to 23	M.						
	F						
	Total						
" 3 to 30	M.						
	F						
	Total						
" 30 to May 7	M.						
	F			1			1
	Total			1			1
May 7 to 14	M.						
	F						
	Total						
" 14 to 21	M.						
	F						
	Total						

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

| | | | RESPIRATORY ORGANS. | | | | | DISEASES OF CHILDREN. | | | |
Congestion of Brain.	Spinal Disease.	Total Nervous System.	Bronchitis.	Pneumonia.	Asthma.	Congestion of Lungs.	Total Respiratory Organs.	Infantile Premature.	Teething.	Infantile Debility.	Total Diseases of Children.
				1			1				
			1				1	1			1
			1	1			2	1			1
								2			2
								2			2
		1									
		1									
		1									
	1	1		1			1				
	1	2		1			1				
			1				1				
			1				1				
								1			1
								1			1
		2									
		2									
1		1	1				1		1		1
1		1	1	1			2		1		1
			1	1			2				
			1	1			2				

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	Paralysis.	Insanity.	Concussion of Brain.	Epilepsy.	Convulsions.	Brain Disease.
May 21 to 28	M.						
	F.						1
	Total						1
" 28 to June 4	M.						
	F.						
	Total						
June 4 to 11	M.						
	F.						
	Total						
" 11 to 18	M.						
	F.						
	Total						
" 18 to 25	M.						
	F.						
	Total						
" 25 to July 2	M.						
	F.						1
	Total						1
July 2 to 9	M.						1
	F.						
	Total						1
" 9 to 16	M.						1
	F.						
	Total						1
" 16 to 23	M.						
	F.						1
	Total						1
" 23 to 30	M.						
	F.						1
	Total						1

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

Congestion of Brain.	Spinal Disease.	Total Nervous System.	RESPIRATORY ORGANS.					DISEASES OF CHILDREN.			
			Bronchitis.	Pneumonia.	Asthma.	Congestion of Lungs.	Total Respiratory Organs.	Infantile Premature.	Teething.	Infantile Debility.	Total Diseases of Children.
		1		1			1				
		1		1			1				
		1									
		1									
		1				1	1				
		1				1	1				
		1				1	1			2	2
		1				1	1			2	2
		1								2	2
		1								2	2
		1			1		1		1	1	2
		1			1		1		1	1	2

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	Paralysis.	Insanity.	Concussion of Brain.	Epilepsy.	Convulsions.	Brain Disease.
					NERVOUS SYSTEM.		
July 30 to August 6....................	M..........	....	....	....	....	....	....
	F..........	1	....	....	....	....	....
	Total	1	....	....	....	....	....
August 6 to 13...............	M..........	....	....	....	....	....	....
	F..........	....	....	....	....	....	....
	Total	....	....	....	....	....	....
" 13 to 20......................	M..........	....	....	....	....	....	....
	F..........	....	....	....	1	....	....
	Total	....	....	....	1	....	....
" 20 to 27......................	M..........	....	....	....	....	....	....
	F..........	....	....	....	....	....	....
	Total	....	....	....	....	....	....
" 27 to Sept. 3	M..........	....	....	....	....	....	....
	F..........	....	....	....	....	....	....
	Total	....	....	....	....	....	....
September 3 to 10.......	M..........	....	....	....	....	....	....
	F..........	....	....	....	....	....	....
	Total	....	....	....	....	....	....
" 10 to 17........	M..........	....	....	....	....	....	....
	F..........	....	....	....	....	....	....
	Total	....	....	....	....	....	....
" 17 to 24.....................	M..........	....	....	....	....	....	....
	F..........	....	....	....	....	....	....
	Total	....	....	....	....	....	....
" 24 to 30.....................	M..........	....	....	....	....	....	....
	F..........	....	....	....	....	....	....
	Total	....	....	....	....	....	....
October 1 to 8	M..........	....	....	....	....	....	....
	F..........	....	....	....	....	....	....
	Total	....	....	....	....	....	....

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

			RESPIRATORY ORGANS.					DISEASES OF CHILDREN.			
Congestion of Brain.	Spinal Disease.	Total Nervous System.	Bronchitis.	Pneumonia.	Asthma.	Congestion of Lungs.	Total Respiratory Organs.	Infantile Premature.	Teething.	Infantile Debility.	Total Diseases of Children.
......	......	1	......	......	1	......	1	......	1	......	1
......	......	1	......	......	1	......	1	......		1	1
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	1	1	......	......	......	1	......	......	......	......
......	......	1	1	......	......	......	1	......	......	......	......
......	......	......	1	......	......	......	1	......	......	......	......
......	......	......	1	......	......	......	1	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	1	......	......	......	1	......	......	......	......
......	......	......	1	......	......	......	1	......	......	......	......
......	......	......	1	......	......	......	1	......	......	1	1
......	......	......	1	......	......	......	1	......	......	1	1
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

| | | NERVOUS SYSTEM. | | | | | |
DATE,	Sex.	Paralysis.	Insanity.	Concussion of Brain.	Epilepsy.	Convulsions.	Brain Disease.
October 8 to 15	M......... F						
	Total						
" 15 to 22.....................	M......... F						
	Total						
" 22 to 29.....................	M......... F						
	Total						
" 29 to Nov. 5..................	M......... F						
	Total						
November 5 to 12.....................	M......... F				1		
	Total				1		
" 12 to 19.....................	M......... F						1
	Total						1
" 19 to 26...............	M......... F					1	1
	Total					1	1
" 26 to Dec. 2.................	M......... F						
	Total						
December 2 to 9	M......... F						
	Total						
" 9 to 16	M......... F						
	Total						

the City of Kingston during the year ending 31st December, 1877.—*Continued.*

Congestion of Brain.	Spinal Disease.	Total Nervous System.	RESPIRATORY ORGANS.					DISEASES OF CHILDREN.			
			Bronchitis.	Pneumonia.	Asthma.	Congestion of Lungs.	Total Respiratory Organs.	Infantile Premature.	Teething.	Infantile Debility.	Total Diseases of Children.
										1	1
										1	1
										2	2
				1		1	2				
				1		1	2				
		1		1		1	2				
		1		1		1	2				
		1		1			1				
		1		1			1				
		2		1			1		1		1
				1			1				
		2		2			2		1		1
				2			2		1		1
				2			2		1		1
			1				1			1	1
			1				1			1	1

TABLE N.—Shewing the Ages and Causes of Death of the persons who died in

DATE.	Sex.	Paralysis.	Insanity.	Concussion of Brain	Epilepsy.	Convulsions.	Brain Disease.
						NERVOUS SYSTEM.	
December 16 to 23	M...........	....	....	....	....	....	....
	F	....	....	....	....	....	....
	Total	....	....	....	....	....	....
" 23 to 31	M...........	....	....	....	....	....	....
	F	....	....	....	....	....	....
	Total	....	....	....	....	....	....
Total Males		....	....	....	....	1	5
Total Females		2	1	1	2	4	7
Grand Total		2	1	1	2	5	12

the City of Kingston during the year ending 31st December, 1877.—*Concluded.*

Congestion of Brain.	Spinal Disease.	Total Nervous System.	Respiratory Organs.					Diseases of Children.			
			Bronchitis.	Pneumonia.	Asthma.	Congestion of Lungs.	Total Respiratory Organs.	Infantile Premature.	Teething.	Infantile Debility.	Total Diseases of Children.
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	......	......
......	......	......	......	......	......	......	......	......	......	1	1
......	......	......	......	......	......	......	......	......	......	1	1
......	......	6	5	7	......	2	14	2	2	1	5
1	2	20	8	7	3	2	20	3	3	10	16
1	2	26	13	14	3	4	34	5	5	11	21

TABLE O.—Shewing the Ages and the Causes of Death of the Persons who

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
January 1 to 8	M														
	F					1	1								2
	Total					1	1								2
" 8 to 15	M	1							1						2
	F				1										1
	Total				1				1						3
" 15 to 22	M	1			2				1						4
	F									1				2	3
	Total	1			2				1	1				2	7
" 22 to 29	M		1							1					2
	F		1												1
	Total		2							1					3
" 29 to Feb. 5	M														
	F														
	Total														
February 5 to 12	M														
	F		1							1					2
	Total		1							1					2
" 12 to 19	M					1									1
	F					1	1			1					3
	Total					2	1			1					4
" 19 to 26	M	1												1	2
	F								1			1	1		3
	Total	1							1			1	1	1	5
' 6 to	M	1	1								1				3
	F	1													1
	Total	2	1								1				4
' 5 to March 12	M											1			1
	F														
	Total											1			1

died in the Town of Stratford during the year ending 31st December, 1877.

	MIASMATIC								TUBERCULAR			NERVOUS SYSTEM					RESPIRATORY ORGANS				DISEASES OF CHILDREN		
Diphtheria.	Metria (Puerperal Fever).	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Scarlet Fever.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.	Convulsions.	Brain Disease.	Meningitis.	Congestion of Brain.	Total Nervous System.	Bronchitis.	Pneumonia.	Asthma.	Total Respiratory Organs	Teething.	Total Diseases of Children.	
																	1		1			
																1			1			
																1	1		2			
1					2		3															
					1		1										1		1			
1					3		4										1		1			
						1	1		1	1												
							1		1	1												
														1	1							
														1	1							
	1						1	1		1							1		1			
	1						1	1		1							1		1			
									2	2												
									2	2												
																		1	1			
																		1	1			

TABLE O.—Shewing the Ages and the Causes of Death of the persons

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
March 12 to 19	M														
	F		1		2		1								4
	Total		1		2		1								4
" 19 to 26	M			1											1
	F														
	Total			1											1
" 26 to April 2	M							1	1						2
	F														
	Total							1	1						2
April 2 to 9	M							1							1
	F														
	Total							1							1
" 9 to 16	M														
	F														
	Total														
" 16 to 23	M												1		
	F														
	Total												1		1
" 23 to 30	M														
	F														
	Total														
" 30 to May 7	M														
	F											1			1
	Total											1			1
May 7 to 14	M														
	F														
	Total														
" 14 to 21	M														
	F														
	Total														

who died in the Town of Stratford during the year 1877.—*Continued.*

	MIASMATIC.							TUBERCULAR.			NERVOUS SYSTEM.					RESPIRATORY ORGANS.				DISEASES OF CHILDREN.		
Diphtheria.	Metria Puerperal Fever.	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Scarlet Fever.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.	Convulsions.	Brain Disease.	Meningitis.	Congestion of Brain.	Total Nervous System.	Bronchitis.	Pneumonia.	Asthma.	Total Respiratory Organs	Teething.	Total Diseases of Children.	
..	..	..	..	....	2	....	2	1	....	1	....	....	....	1	1	....	....	....	....	....	......	.....
..	..	..	..	....	2	....	2	1	.....	1	....	....	.....	1	1	....	....	....	....	....	......	.....
..	..	..	..	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	......	.....
..	..	..	..	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	......	..... .
..	..	..	..	....	....	....	....	....	.....	....	....	1	....	....	1	....	1	....	1	....	......	.....
..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	.....	....	....	....	......	.....
..	..	..	..	....	....	....	....	....	....	....	....	1	.....	....	1	....	1	....	1	....	......	.....
...	..	..	..	....	....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	......	.....
..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	......	.....
..	..	..	..	....	....	....	....	1	....	1	....	....	.....	....	....	....	....	....	....	....	......	.....

TABLE O.—Shewing the Ages and the Causes of Death of the persons

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
May 21 to 28	M														
	F														
	Total														
" 28 to June 4	M							1						1	2
	F													1	1
	Total							1						2	3
June 4 to 11	M														
	F														
	Total														
" 11 to 18	M														
	F														
	Total														
" 18 to 25	M														
	F														
	Total														
" 25 to July 2	M					1		1							2
	F														
	Total					1		1							2
July 2 to 9	M														
	F														
	Total														
" 9 to 16	M														
	F														
	Total														
" 16 to 23	M	1													1
	F														
	Total	1													1
" 23 to 30	M											1			1
	F	2													2
	Total	2										1			3

who died in the Town of Stratford during the year 1877.—*Continued.*

	MIASMATIC.							TUBERCULAR.			NERVOUS SYSTEM.					RESPIRATORY ORGANS.				DISEASES OF CHILDREN.		
Diphtheria.	Metria (Puerperal Fever.)	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Scarlet Fever.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.	Convulsions.	Brain Disease.	Meningitis.	Congestion of Brain.	Total Nervous System.	Bronchitis.	Pneumonia.	Asthma.	Total Respiratory Organs.	Teething.	Total Diseases of Children.	
..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	......	....	....	....	....	....
...	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
..	..	..	..	....	....	1	1	....	1	1	....	....	1	....	1	......	....	1	1	.....	....	....
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..	..	..	..	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....			....
..	..	1	..	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....			....
..	..	1	..	1	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	......	....	....

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TABLE O.—Shewing the Ages and the Causes of Death of the persons

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
July 30 to August 6	M	....	....	....	1	....	....	....	....	....	....	....	......	......	1
	F	1	1	....	....	1	....	....	....	....	....	....	......	......	3
	Total.	1	1	...	1	1	....	....	....	....	....	....	......	......	4
August 6 to 13	M	....	....	....	....	....	....	....	2	....	....	....	......	......	2
	F	....	....	....	....	....	....	....	....	....	1	....	......	......	1
	Total.	....	....	....	....	....	....	....	2	....	1	....	......	......	3
" 13 to 20	M	....	....	....	....	....	....	....	....	....	....	....	......	......	....
	F	....	....	....	....	....	....	....	....	....	....	....	......	......	....
	Total.	....	....	....	....	....	....	....	....	....	....	....	......	......	....
" 20 to 27	M	....	....	....	....	....	....	....	....	....	....	....	......	......	....
	F	....	....	....	....	....	....	1	....	1	....	....	......	......	2
	Total.	....	....	....	....	....	....	1	....	1	....	....	......	......	2
" 27 to September 3	M	1	....	....	....	....	....	....	....	....	....	....	......	......	1
	F	....	1	....	....	....	....	....	....	....	....	....	......	......	1
	Total.	1	1	....	....	....	....	....	....	....	....	....	......	......	2
September 3 to 10	M	1	....	....	....	....	....	....	....	....	....	....	......	......	1
	F	....	....	....	....	....	....	....	....	....	....	....	......	......	......
	Total.	1	....	....	....	....	....	....	....	....	....	....	......	......	1
" 10 to 17	M	1	....	....	....	1	....	....	....	....	....	....	......	......	2
	F	....	....	....	....	....	....	....	....	....	....	....	......	......	......
	Total.	1	....	....	....	1	....	....	....	....	....	....	......	......	2
" 17 to 24	M	2	....	....	....	....	....	....	....	....	....	....	......	......	2
	F	1	1	....	....	2	....	....	....	....	....	....	......	......	4
	Total.	1	1	....	....	2	....	....	....	....	....	....	......	......	6
' 24 to 30	M	1	....	....	....	....	....	....	....	....	....	....	......	......	1
	F	....	....	....	....	....	....	....	....	....	....	....	......	......	......
	Total.	1	....	....	....	....	....	....	....	....	....	....	......	......	1
October 1 to 8	M	....	....	....	....	....	....	....	....	....	....	....	......	......	....
	F	....	1	....	....	....	....	....	....	....	....	....	......	......	1
	Total.	....	1	....	....	....	....	....	....	....	....	....	......	......	1

who died in the Town of Stratford during the year 1877.—*Continued.*

Diphtheria.	Metria (Puerperal Fever.)	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Scarlet Fever.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.	Convulsions.	Brain Disease.	Meningitis.	Congestion of Brain.	Total Nervous System.	Bronchitis.	Pneumonia.	Asthma.	Total Respiratory Organs	Teething.	Total Diseases of Children.	
				1			1	1		1										1	1	
				1			1	1		1										1	1	
		1					1															
		1					1															
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								1		1	1				1							
		1			1		2	2												1	1	
		1			1		2	2												1	1	
												1				1						
												1				1						
								1		1												
								1		1												

TABLE O.—Shewing the Ages and the Causes of Death of the persons

DATE.	Sex.	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
October 8 to 15	M			1											1
	F														
	Total			1											1
" 15 to 22	M														
	F							1							1
	Total							1							1
" 22 to 29	M														
	F														
	Total														
" 29 to Nov. 5	M										1				1
	F														
	Total										1				1
November 5 to 12	M														
	F														
	Total														
" 12 to 19	M														
	F														
	Total														
' 19 to 26	M														
	F					1									1
	Total					1									1
26 o Dec. 2	M														
	F														
	Total														
ecember 2 to 9	M					1									1
	F														
	Total					1									1
" 9 to 16	M													1	1
	F														
	Total													1	1

who died in the Town of Stratford during the year 1877.—*Continued.*

	MIASMATIC.							TUBERCULAR.			NERVOUS SYSTEM.					RESPIRATORY ORGANS.				DISEASES OF CHILDREN.		
Diphtheria.	Metria Puerperal Fever.	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Scarlet Fever.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.	Convulsions.	Brain Disease.	Meningitis.	Congestion of Brain.	Total Nervous System.	Bronchitis.	Pneumonia.	Asthma.	Total Respiratory Organs	Teething.	Total Diseases of Children.	
																	1		1			
																	1		1			
								1		1												
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								1		1												
								1		1												

TABLE O.—Shewing the Ages and the Causes of Death of the persons

DATE.	Sex	Under 1 year.	1 to 5.	5 to 10.	10 to 20.	20 to 30.	30 to 40.	40 to 50.	50 to 60.	60 to 70.	70 to 80.	80 to 90.	90 and over.	Age not given.	Total.
December 16 to 23	M	....	....	....	....	....	....	....	....	....	....	....	....	......	......
	F	....	....	....	....	....	....	....	....	....	....	....	....	......	......
	Total.	....	....	....	....	....	....	....	....	....	....	....	....	......	......
" 23 to 31	M	....	....	....	....	....	....	....	....	1	....	....	....	......	1
	F	....	....	....	....	....	....	....	....	....	....	....	....	......	......
	Total.	....	....	....	....	....	....	....	....	1	....	....	....	......	1
Total.	M	1	2	2	....	5	2	1	3	5	2	3	1	3	41
	F	5	7	....	5	4	5	4	2	....	4	3	1	3	38

who died in the Town of Stratford during the year 1877.—*Concluded.*

MIASMATIC.								TUBERCULAR.			NERVOUS SYSTEM.					RESPIRATORY ORGANS.				DISEASES OF CHILDREN.		
Diphtheria.	Metria Puerperal Fever.	Dysentery.	Diarrhœa.	Cholera Infantum.	Typhoid Fever.	Scarlet Fever.	Total Miasmatic.	Phthisis.	Hydrocephalus.	Total Tubercular.	Convulsions.	Brain Disease.	Meningitis.	Congestion of Brain.	Total Nervous System.	Bronchitis.	Pneumonia.	Asthma.	Total Respiratory Organs	Teething.	Total Diseases of Children.	
..	..	..	..	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
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TABLE P.—CITY OF TORONTO.—Means of the Meteorological Elements for each week in 1877, and the Differences from the Average.

| MONTHS.	Temperature.		Relative Humidity.		Cloudiness.		Total Precipitation.	
	1877	Diff. from Normal.	1877	Diff. from Normal.	1877	Diff. from Average.	1877	Diff. from Average.
JANUARY.	16·9	−4·3	84	+2	7·9	....	·180	−·263
	11·1	··10·2	86	+3	8·0	....	·590	−·102
	17·8	−3·9	87	+4	7·0	....	·570	−·164
	19·6	−2·5	77	−5	6·2	....	·000	−·652
FEBRUARY	31·6	+9·0	86	+4	6·7	....	·030	−·365
	29·5	+6·5	79	−3	6·4	....	·000	−·695
	21·5	−2·0	78	−4	5·1	....	·280	−·492
	32·0	+7·7	67	−14	6·3	....	·010	− ·558
MARCH..........	31·2	+5·6	71	−9	6·0	....	·650	+ ·003
	20·8	−6·5	82	+3	6·9	....	1·300	+ ·714
	19·1	−10·3	77	0	5·7	....	·420	− ·433
	27·8	−4·0	82	+6	7·9	....	·730	+ ·092
	34·3	−0·1	75	+1	7·4	....	1·360	+ ·695
APRIL	34·3	−2·8	67	·−6	3·7	....	·250	− ·160
	43·8	+4·0	51	−20	1·1	....	·000	− ·634
	46·6	+4·2	66	−4	5·6	....	1·165	+ ·473
	48·2	+3·2	63	−7	6·0	....	·836	+ ·181
MAY	43·2	−4·4	59	−11	4·0	....	·005	− ·715
	49·6	·−0·4	60	−10	5·8	....	·005	− ·746
	62·4	+9·9	71	+1	6·2	....	·568	− ·352
	53·6	−1·3	66	−4	5·3	....	·770	+ ·029
JUNE	63·6	+6·4	68	−2	3·8	....	·160	− ·260
	59·8	+0·4	74	+4	6·9	....	·070	− ·706
	61·3	−0·4	75	+5	4·2	....	·160	− ·429
	61·4	−2·4	61	−8	3·8	....	·230	− ·214
	67·7	+2·1	71	+3	5·7	....	·280	− ·362
JULY	68·0	+0·9	65	−3	3·8	....	·200	− ·450
	68·0	0·0	61	−8	3·7	....	·110	− ·516
	68·7	+0·3	73	+4	6·0	....	·975	+ ·301
	73·6	+5·2	75	+5	5·4	....	1·435	+ ·780
AUGUST..........	70·1	+2·1	64	−6	2·1	....	·420	− ·198
	68·4	+1·1	75	+3	6·3	....	·905	+ ·331
	68·0	+1·7	80	+7	6·8	....	·670	+ ·228
	71·1	+6·3	76	+2	4·9	....	·080	− ·645
SEPTEMBER	66·0	+2·9	76	+2	5·8	....	1·100	+ ·524
	58·4	−2·7	74	−1	6·3	....	·245	− ·594
	68·5	+10·1	80	+4	3·4	....	·010	− ·603
	55·6	+0·1	69	−8	3·5	....	·050	− ·661
	63·6	+11·0	77	0	4·3	....	·000	− ·803
OCTOBER	55·0	+5·1	74	−3	6·9	....	·230	− ·381
	52·4	+4·9	82	+4	8·2	....	1·551	+1·218
	48·6	+3·1	77	−1	8·6	....	·610	+ ·232
	45·1	+1·3	75	−3	7·5	....	·235	− ·222
NOVEMBER......	42·3	+0·1	75	−3	6·8	....	1·015	+ ·323
	32·2	−8·1	84	+6	5·6	....	1·870	+1·120
	41·2	+3·4	86	+7	7·9	....	·185	−·546
	38·4	+3·6	86	+6	8·0	....	2·060	+1·454
DECEMBER.	32·8	+1·3	81	+1	8·1	....	·490	−·269
	33·2	+5·0	81	0	7·9	....	·190	−·514
	37·2	+11·9	77	−5	6·8	....	·050	−·594
	37·8	+14·7	89	+7	8·9	....	·190	−·464
	31·8	+10·1	84	+2	7·1	··	·100	−·718

TABLE P.—KINGSTON.—Means of the Meteorological Elements for each week in 1877, and the Differences from the Average.

MONTHS.	Temperature.		Relative Humidity.		Cloudiness.		Total Precipitation.	
	1877	Diff. from Average.	1877	Diff. from Average.	1877	Diff. from Average.	1877	Diff. from Average.
JANUARY	10·8	−11·4	86·5	−1·4	6·4	−1·0	0·49	−0·26
	7·5	−8·2	81·8	−2·2	7·9	+1·3	0·62	−0·18
	16·4	+0·5	89·0	+2·5	7·5	+1·4	0·80	+0·03
	17·2	−0·3	85·0	+0·2	7·9	+0·7	0·15	−0·60
FEBRUARY	31·1	+14·8	90·5	+6·4	7·3	+1·2	0·05	−0·73
	27·8	+12·9	88·7	+5·4	6·6	−1·3	0·00	−0·50
	20·8	+3·6	85·1	+2·3	5·1	0·0	0·08	−0·76
	29·6	+6·5	82·2	−1·1	6·6	−0·2	0·00	−0·40
MARCH	30·8	+8·8	85·9	+5·7	6·2	+0·2	0·65	−0·13
	20·6	−4·1	90·8	+3·8	7·2	−0·7	2·71	+1·51
	17·7	−4·2	84·3	+0·5	5·1	−1·4	0·27	−0·40
	28·4	+4·6	86·9	+5·1	7·8	+2·1	0·44	−0·22
	33·7	+2·5	85·7	−0·4	8·5	+2·2	2·29	+1·41
APRIL	35·1	+1·9	74·3	−8·2	4·4	−1·4	0·25	−0·41
	44·4	+5·2	64·6	−11·7	1·1	−3·6	0·00	−0·30
	46·1	+9·8	81·2	+0·5	6·9	+0·6	1·17	+0·64
	47·8	+5·9	71·5	−1·4	5·0	−0·6	0·46	0·00
MAY	44·1	+1·5	77·2	+4·6	5·9	+0·2	0·06	−0·35
	49·5	−0·3	82·5	+6·7	5·6	−0·9	0·01	−0·52
	59·0	+5·9	83·8	+10·5	7·5	+0·6	0·21	−0·29
	53·5	−1·5	74·0	−0·4	7·3	+1·1	0·50	−0·10
JUNE	61·5	+0·9	76·8	+2·7	7·5	−0·4	0·01	−0·13
	62·9	+1·5	79·3	−1·3	7·1	+1·7	0·43	+0·07
	64·1	+0·6	77·5	−0·4	3·2	−2·1	0·52	+0·02
	64·0	+0·4	73·1	−5·0	4·2	−1·6	0.70	−0·05
	67·2	+0·4	81·8	+2·5	6·3	+1·2	1·53	+1·00
JULY	67·3	0·0	77·9	−6·2	5·4	−0·1	0·43	−0·12
	66·6	−2·0	80·5	−2·4	5·0	+0·4	0·05	−0·48
	70·1	+1·0	78·7	−1·7	4·1	+0·4	1·72	+0·70
	72·0	+3·7	81·1	−0·1	5·0	+0·5	0·27	−0·31
AUGUST.........	73·5	+4·5	70·9	−4·4	2·3	−1·9	0·00	−0·16
	69·3	−2·1	82·3	·2·3	6·3	+1·4	0·20	−0·17
	69·5	−0·8	87·9	+8·8	5·4	−0·1	0·05	−0·11
	74·0	+6·9	75·4	+3·5	4·9	+0·1	0·02	−0·14
SEPTEMBER	68·3	+0·1	76·5	−0·4	5·7	+1·0	0·20	+0·07
	59·7	−3·2	76·9	+1·3	5·4	+0·2	0·62	+0·32
	70·3	+7·4	83·7	+7·1	5·4	−0·4	0·02	−0·29
	58·3	+2·8	75·3	−4·3	4·0	−2·7	0.50	−0·05
	63·9	+7·1	84·1	+2·8	6·0	0·0	0·00	−0·99
OCTOBER	53·3	+4·6	82·3	−0·1	6·4	−0·7	1·75	+0·80
	52·1	+6·8	84·4	+3·4	8·0	+1·2	0·96	+0·23
	46·2	+1·3	80·9	+1·5	8·8	+2·3	0·85	+0·47
	41·9	−3·4	82·7	−1·2	7·3	+0·8	0·03	−0·37
NOVEMBER.....	42·0	+1·7	82·7	−1·3	5·7	−1·3	1·33	+0·51
	33·4	−4·7	87·3	+4·1	7·9	+0·5	2·54	+1·55
	40·9	+5·6	86·6	+0·2	6·1	−0·3	0·47	+0·09
	35·2	+2·8	89·0	+1·5	6·7	−0·9	1·57	+0·81
DECEMBER	33·5	+9·5	89·1	+2·0	8·0	+0·6	0·59	−0·12
	32·2	+5·9	88·5	+2·7	8·1	+0·4	0·85	+0·34
	35·7	+13·4	85·8	+2·4	7·4	−0·4	0·41	−0·13
	32·1	+12·7	88·9	+4·2	8·0	+0·8	0·55	−0·03
	27·0	+4·0	91·4	+4·9	8·8	+1·1	0·00	−0·65

TABLE P.—STRATFORD.—Means of the Meteorological Elements for each week in 1877, and the Differences from the Average.

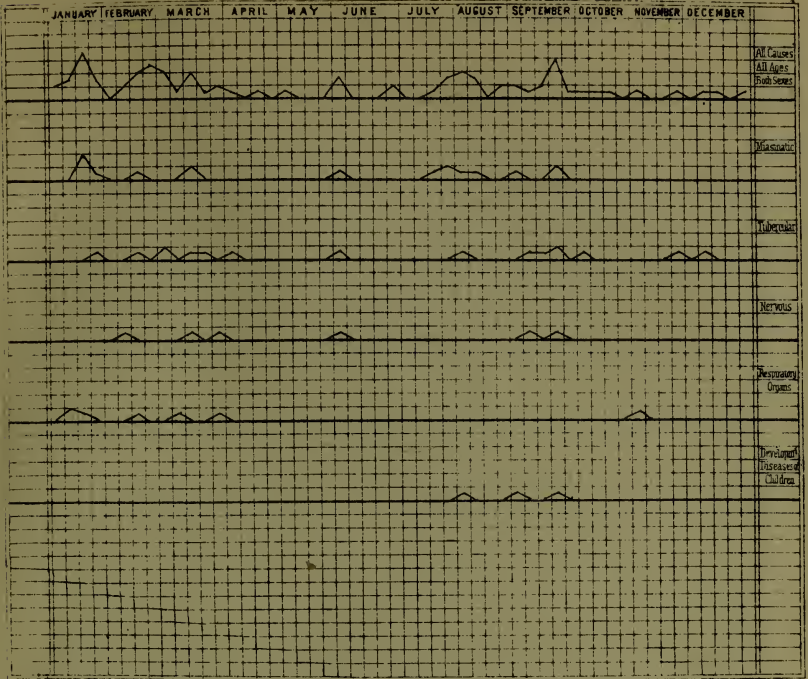| MONTHS.	Temperature.		Relative Humidity.		Cloudiness.		Total Precipitation.	
	1877	Diff. from Normal.	1877	Diff. from Average.	1877	Diff. from Average.	1877	Diff. from Average.
JANUARY	14·4	6·0	89·1	+3·3	8·3	+0·5	·320	—·560
	9·3	—10·7	88·0	—0·1	7·6	—0·4	·650	—·323
	15·2	—4·8	91·1	+2·4	7·2	—0·6	·772	—·162
	17·0	—3·4	84·1	—3·9	4·5	—3·0	·200	—·628
FEBRUARY	29·1	+8·1	89·3	+2·0	6·7	—1·0	·000	—·592
	27·2	—5·7	87·4	+2·1	6·6	—0·3	·020	—·664
	19·9	—2·0	83·9	—1·6	5·7	—1·4	·515	—·470
	28·5	+6·2	70·7	—11·7	4·8	—1·7	·000	—·735
MARCH..........	26·9	+3·8	80·7	—3·2	4·7	—1·2	1.004	+ ·311
	16·3	—8·1	86·6	+3·8	7·1	+0·3	2·026	+1·049
	13·9	—12·6	87·4	+3·1	5·5	—1·0	·850	—·359
	24·7	—4·7	85·0	+4·0	7·1	+0·6	1·200	+ ·442
	31·9	—0·9	74·4	—1·4	6·3	+0·5	1·389	+ ·635
APRIL	30·8	—5·6	75·4	+0·2	3·7	—2·2	·000	—·623
	42·1	+2·2	59·6	—12·1	1·7	—3·3	·000	—·616
	46·4	+3·5	73·7	—0·6	5·4	—1·0	1·184	+ ·137
	47·6	+2·1	69·6	+2·0	5·1	+0·1	·726	+ ·126
MAY.............	41·2	—6·5	68·0	—1·1	4·1	—0·6	·000	—·624
	48·3	—1·4	67·1	—0·4	4·0	—0·8	·070	—·682
	65·5	+13·7	74·1	+1·4	4·2	—0·9	·458	—·376
	52·4	—1·7	71·7	—0·6	4·8	—0·1	·662	—·005
JUNE	67·5	+10·8	59·0	—15·0	3·6	—1·3	·057	—·851
	60·1	+1·0	71·3	—7·8	5·7	+0·5	·471	—·884
	62·9	+1·2	75·6	—3·3	4·0	—1·1	·236	—·578
	62·5	—1·5	67·4	—9·5	2·8	+0·9	·286	—·398
	66·5	+0·8	83·9	∓1·5	6·5	+1·2	1·299	+ ·329
JULY	66·5	—0·2	74·1	—8·3	4·6	—·0·4	·051	—1·097
	66·4	—0·7	69·3	—8·2	2·5	—1·6	·108	—·374
	66·4	—0·6	79·1	0·0	4·6	—0·1	1·076	+ ·108
	73·0	+6·4	76·7	—3·1	4·2	—1·0	·306	—·522
AUGUST.........	69·9	+3·9	67·8	—9·4	1·8	—2·2	·000	—·717
	68·3	+3·1	72·6	—7·2	6·1	+1·5	·165	—·192
	63·8	—0·5	87·1	+6·9	5·0	+0·9	2·737	+1·834
	69·3	+6·3	82·0	—1·8	5·3	+0·9	·236	—·532
SEPTEMBER	62·6	+1·1	85·0	+3·8	5·6	+0·7	1·512	+ ·816
	57·2	—3·2	80·0	—2·2	4·8	—0·4	·000	—·981
	66·7	+9·6	85·3	+3·7	5·1	+0·4	·146	—·624
	52·7	—1·8	76·1	—7·2	3·7	—1·8	·070	—·700
	64·0	+11·9	84·3	+0·7	2·7	—2·0	·446	—·740
OCTOBER	53·4	+4·2	80·1	—2·5	5·8	+0·1	·675	—·14
	48·4	+2·4	89·4	+6·3	8·0	+2·0	1·769	+1·06
	47·9	+4·1	85·9	+4·4	8·0	+2·4	·624	—·132
	44·7	+3·4	84·6	+2·2	6·8	+0·1	·555	—·595
NOVEMBER.....	38·7	—0·5	83·0	+2·3	7·7	+0·5	1·271	+ ·390
	30·2	—7·1	88·0	+6·2	5·6	—1·1	2·048	+1·031
	39·9	+4·8	86·0	+2·4	5·1	—2·4	·407	—·277
	37·3	+4·4	91·4	+4·8	7·3	—1·2	·611	—·298
DECEMBER.....	27·3	—8·2	87·4	+0·6	7·6	—0·8	·613	—·321
	29·6	+1·6	86·4	+0·1	7·9	—0·1	·680	—·611
	35·3	+9·8	83·3	—4·0	6·0	—2·1	·000	—·784
	38·6	+15·3	94·1	+5·9	8·0	—0·1	·280	—·584
	31·0	+9·5	89·5	+1·4	6·8	—1·2	·127	—·774
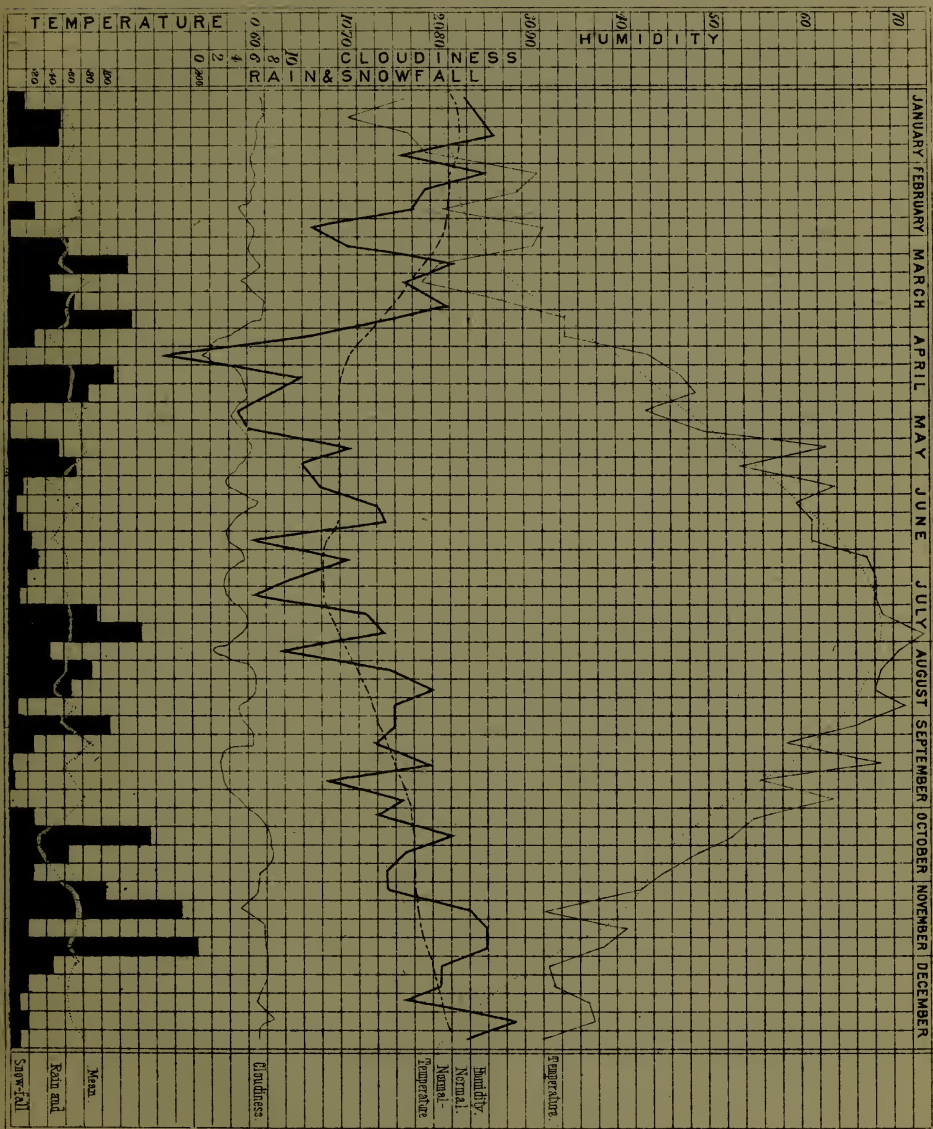
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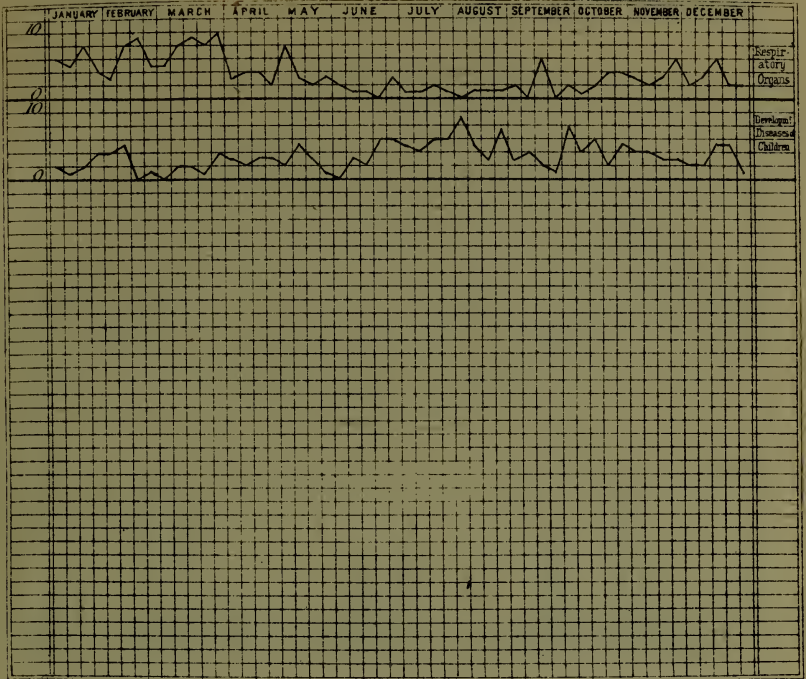
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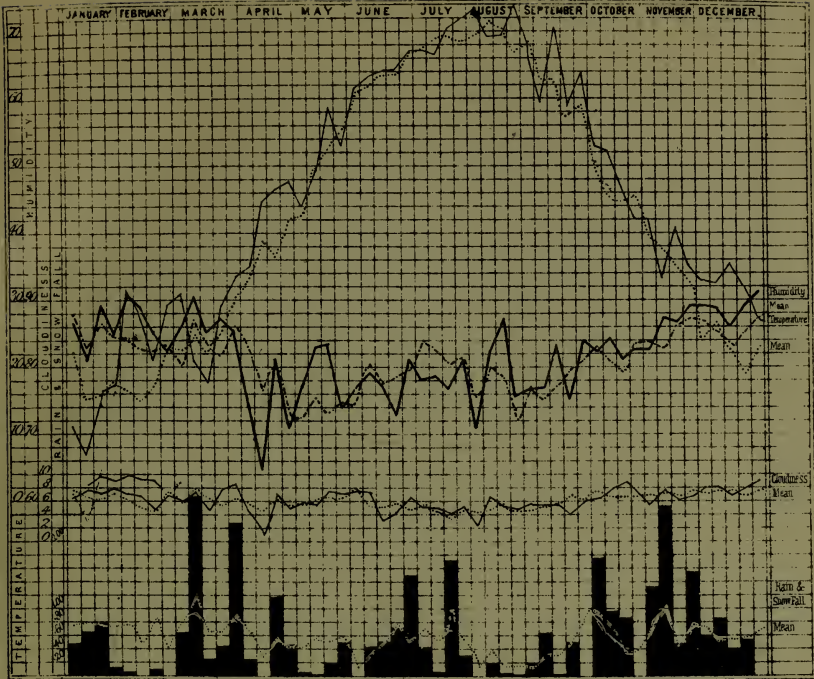
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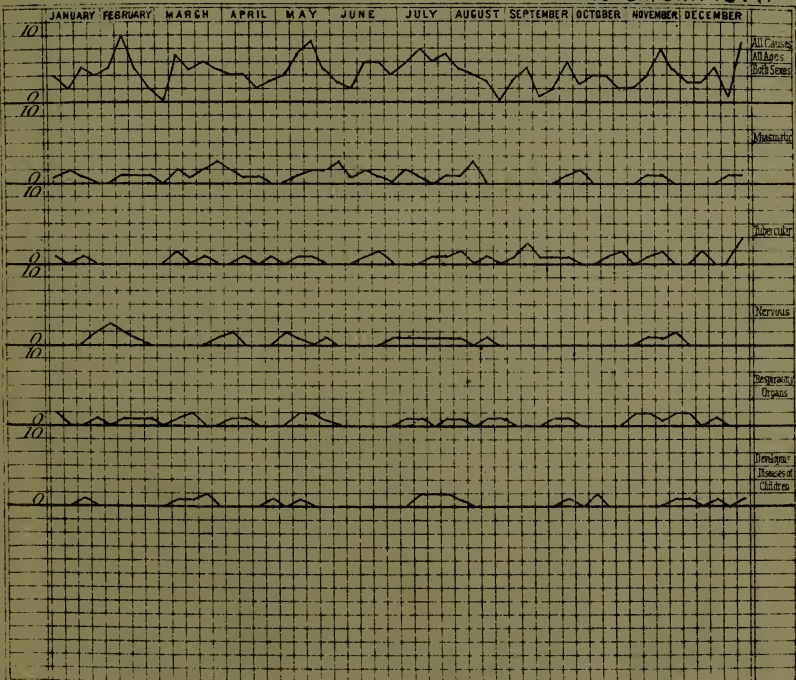
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